touch PRO

User Manual

www.htc.com

htc
smart mobility

Please Read Before Proceeding

THE BATTERY IS NOT CHARGED WHEN YOU TAKE IT OUT OF THE BOX.

DO NOT REMOVE THE BATTERY PACK WHEN THE DEVICE IS CHARGING.

YOUR WARRANTY IS INVALIDATED IF YOU OPEN OR TAMPER WITH THE DEVICE'S OUTER CASING.

PRIVACY RESTRICTIONS

Some countries require full disclosure of recorded telephone conversations, and stipulate that you must inform the person with whom you are speaking that the conversation is being recorded. Always obey the relevant laws and regulations of your country when using the recording feature of your PDA Phone.

INTELLECTUAL PROPERTY RIGHT INFORMATION

Copyright © 2008 HTC Corporation. All Rights Reserved.

htc, htc, htc smart mobility, ExtUSB, and HTC Care are trademarks and/or service marks of HTC Corporation.

Microsoft, MS-DOS, Windows, Windows NT, Windows Server, Windows Mobile, Windows XP, Windows Vista, ActiveSync, Windows Mobile Device Center, Internet Explorer, MSN, Hotmail, Windows Live, Outlook, Excel, PowerPoint, Word, OneNote and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Bluetooth and the Bluetooth logo are trademarks owned by Bluetooth SIG, Inc.

microSD is a trademark of SD Card Association.

Java, J2ME and all other Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the United States and other countries.

Copyright © 2008, Adobe Systems Incorporated. All Rights Reserved.

Opera® Mobile from Opera Software ASA. Copyright 1995-2008 Opera Software ASA. All Rights Reserved.

YouTube is a trademark of Google, Inc.

Sprite Backup is a trademark or service mark of Sprite Software.

Copyright © 2001-2008, Spb Software House. All Rights Reserved.

Copyright © 2008, Esmertec AG. All Rights Reserved.

Copyright © 2003-2008, ArcSoft, Inc. and its licensors. All Rights Reserved. ArcSoft and the ArcSoft logo are registered trademarks of ArcSoft, Inc. in the United States and/or other countries.

Copyright © 2004-2008, Ilium Software, Inc. All Rights Reserved.

Copyright © Vodafone Group 2008. Vodafone and the Vodafone logos are trademarks of Vodafone Group.

All other company, product and service names mentioned herein are trademarks, registered trademarks or service marks of their respective owners.

HTC shall not be liable for technical or editorial errors or omissions contained herein, nor for incidental or consequential damages resulting from furnishing this material. The information is provided “as is” without warranty of any kind and is subject to change without notice. HTC also reserves the right to revise the content of this document at any time without prior notice.

No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or storing in a retrieval system, or translated into any language in any form without prior written permission of HTC.

Disclaimers

THE WEATHER INFORMATION, DATA AND DOCUMENTATION ARE PROVIDED "AS IS" AND WITHOUT WARRANTY OR TECHNICAL SUPPORT OF ANY KIND FROM HTC. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, HTC AND ITS AFFILIATES expressly disclaim any and all representations and warranties, express or implied, arising by law or otherwise, regarding the Weather Information, Data, Documentation, or any other Products and services, including without limitation any express or implied warranty of merchantability, express or implied warranty of fitness for a particular purpose, non-infringement, quality, accuracy, completeness, effectiveness, reliability, usefulness, that the Weather Information, Data and/or Documentation will be error-free, or implied warranties arising from course of dealing or course of performance.

Without limiting the foregoing, it is further understood that HTC and its Providers are not responsible for your use or misuse of the Weather Information, Data and/or Documentation or the results from such use. HTC and its Providers make no express or implied warranties, guarantees or affirmations that weather information will occur or has occurred as the reports, forecasts, data, or information state, represent or depict and it shall have no responsibility or liability whatsoever to any person or entity, parties and non-parties alike, for any inconsistency, inaccuracy, or omission for weather or events predicted or depicted, reported, occurring or occurred. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, YOU ACKNOWLEDGE THAT THE WEATHER INFORMATION, DATA AND/OR DOCUMENTATION MAY INCLUDE INACCURACIES AND YOU WILL USE COMMON SENSE AND FOLLOW STANDARD SAFETY PRECAUTIONS IN CONNECTION WITH THE USE OF THE WEATHER INFORMATION, DATA OR DOCUMENTATION.

Pictograms and Graphic Symbols


Read this manual's Safety Information and General Precautions.


Do not use hand-held while driving


For body-worn operation maintain a separation of 1.5 cm


Small parts may cause a choking hazard


This device may produce a loud sound


Keep away from pacemakers and other personal medical devices


Switch off when instructed in hospitals and medical facilities


Switch off when instructed in aircraft and airports


Switch off in explosive environments


Do not use while re-fueling


This device may produce a right or flashing light


Do not dispose of in a fire


Avoid contact with magnetic media


Avoid extreme temperatures


Avoid contact with liquid, keep dry


Do not try and disassemble


Do not rely on this device for emergency communications


Only use approved accessories

Limitation of Damages

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL HTC OR ITS PROVIDERS BE LIABLE TO USER OR ANY THIRD PARTY FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES OF ANY KIND, IN CONTRACT OR TORT, INCLUDING, BUT NOT LIMITED TO, INJURY, LOSS OF REVENUE, LOSS OF GOODWILL, LOSS OF BUSINESS OPPORTUNITY, LOSS OF DATA, AND/OR LOSS OF PROFITS ARISING OUT OF, OR RELATED TO, IN ANY MANNER, OR THE DELIVERY, PERFORMANCE OR NONPERFORMANCE OF OBLIGATIONS, OR USE OF THE WEATHER INFORMATION, DATA OR DOCUMENTATION HEREUNDER REGARDLESS OF THE FORESEEABILITY THEREOF.

Important Health Information and Safety Precautions

When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages.

Retain and follow all product safety and operating instructions. Observe all warnings in the operating instructions on the product.

To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment, observe the following precautions.

ELECTRICAL SAFETY

This product is intended for use when supplied with power from the designated battery or power supply unit. Other usage may be dangerous and will invalidate any approval given to this product.

SAFETY PRECAUTIONS FOR PROPER GROUNDING INSTALLATION

CAUTION: Connecting to an improperly grounded equipment can result in an electric shock to your device.

This product equipped with a USB Cable for connecting with desktop or notebook computer. Be sure your computer is properly grounded (earthed) before connecting this product to the computer. The power supply cord of a desktop or

notebook computer has an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet which is properly installed and grounded in accordance with all local codes and ordinances.

SAFETY PRECAUTIONS FOR POWER SUPPLY UNIT

- **Use the correct external power source**
  A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorised service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.
- **Handle battery packs carefully**
  This product contains a Li-ion battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 60˚C (140˚F).



WARNING: Danger of explosion if battery is incorrectly replaced. To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, expose to temperature above 60° C (140° F), or dispose of in fire or water. Replace only with specified batteries. Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product.





- **Take extra precautions**
  - Keep the battery or device dry and away from water or any liquid as it may cause a short circuit.

- Keep metal objects away so they don't come in contact with the battery or its connectors as it may lead to short circuit during operation.
- Do not use a battery that appears damaged, deformed, or discolored, or the one that has any rust on its casing, overheats, or emits a foul odor.
- Always keep the battery out of the reach of babies and small children, to avoid swallowing of the battery. Consult the doctor immediately if the battery is swallowed.
- If the battery leaks:
  - Do not allow the leaking fluid to come in contact with skin or clothing. If already in contact, flush the affected area immediately with clean water and seek medical advice.
  - Do not allow the leaking fluid to come in contact with eyes. If already in contact, DO NOT rub; rinse with clean water immediately and seek medical advice.
  - Take extra precautions to keep a leaking battery away from fire as there is a danger of ignition or explosion.

SAFETY PRECAUTIONS FOR DIRECT SUNLIGHT

Keep this product away from excessive moisture and extreme temperatures. Do not leave the product or its battery inside a vehicle or in places where the temperature may exceed 60°C (140°F), such as on a car dashboard, window sill, or behind a glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the battery, or pose a risk to the vehicle.

PREVENTION OF HEARING LOSS



CAUTION: Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

NOTE: For France, Earphone (listed below) for this device have been tested to comply with the Sound Pressure Level requirement laid down in the applicable NF EN 50332-1:2000 and/or NF EN 50332-2:2003 standards as required by French Article L. 5232-1.

- Earphone, manufactured by HTC, Model HS S300.

SAFETY IN AIRCRAFT

Due to the possible interference caused by this product to an aircraft's navigation system and its communications network, using this device's phone function on board an airplane is against the law in most countries. If you want to use this device when on board an aircraft, remember to turn off your phone by switching to Airplane Mode.

ENVIRONMENT RESTRICTIONS

Do not use this product in gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fuelling areas, fuel storehouses, below deck on boats, chemical plants, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

EXPLOSIVE ATMOSPHERES

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised not to use the equipment at refueling points such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

ROAD SAFETY

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a hands free kit) causes distraction and can lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Limiting exposure to radio frequency (RF) fields

For individuals concerned about limiting their exposure to RF fields, the World Health Organization (WHO) provides the following advice:

Precautionary measures: Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If individuals are concerned, they might choose to limit their own or their children's RF exposure by limiting the length of calls, or using 'hands-free' devices to keep mobile phones away from the head and body.

Further information on this subject can be obtained from the WHO home page http://www.who.int/peh-emf Who Fact sheet 193: June 2000.

SAFETY PRECAUTIONS FOR RF EXPOSURE

- Avoid using your phone near metal structures (for example, the steel frame of a building).
- Avoid using your phone near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
- Use only original manufacturer-approved accessories, or accessories that do not contain any metal.
- Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

Exposure to Radio Frequency (RF) Signals

Your device contains a radio transmitter and receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

The radiated output power is far below the international radio frequency exposure limits. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95.1-1992
- National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

Your mobile device is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organisation ICNIRP and include safety margins designed to assure the protection of all persons regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 w/kg and the highest SAR value for this device when tested at the ear was 0.462 w/kg @10g*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide**.

As SAR is measured utilizing the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum power required to communicate with the network.

*The tests are carried out in accordance with IEC standard PT62209-1.

**Please see the following section about body worn operation.

As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Your device has an internal antenna. Use only the supplied integral antenna. Use of unauthorised or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards; always use your device only in its normal-use position. Do not touch or hold the antenna area unnecessarily when placing or receiving a phone call. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimises the antenna performance and the battery life.

To ensure compliance with RF exposure guidelines the phone must be used with a minimum of 1.5 cm separation from the body.

Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.

SAR Information

0.462 w/kg @10g (Head), 1.31 w/kg @10g (Body) *

0.455 w/kg @1g (Head), 1.27 w/kg @1g (Body) **

*Note: The 10g SAR value is measured at GSM/GPRS/EDGE 900/1800 MHz and WCDMA/HSPA FDD I and FDD VIII for both head and body. The Body SAR value of 1.31 w/kg @10g has been tested with back of the device in the holster kept at 1.5 cm away from the body.

**Note: The 1g SAR value is measured at GSM/GPRS/EDGE 850/1900 MHz for both head and body. The Body SAR value of 1.27 w/kg @1g has been tested with back of the device kept at 1.5cm away from the body.

INTERFERENCE WITH MEDICAL EQUIPMENT FUNCTIONS

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

INTERFERENCE IN CARS

Please note that because of possible interference to electronic equipment, some vehicle manufacturers forbid the use of mobile phone in their vehicles unless a handsfree kit with an external antenna is included in the installation.

HEARING AIDS

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby.

The level of interference will depend on the type of hearing device and the distance form the interference source. Increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

NONIONIZING RADIATION

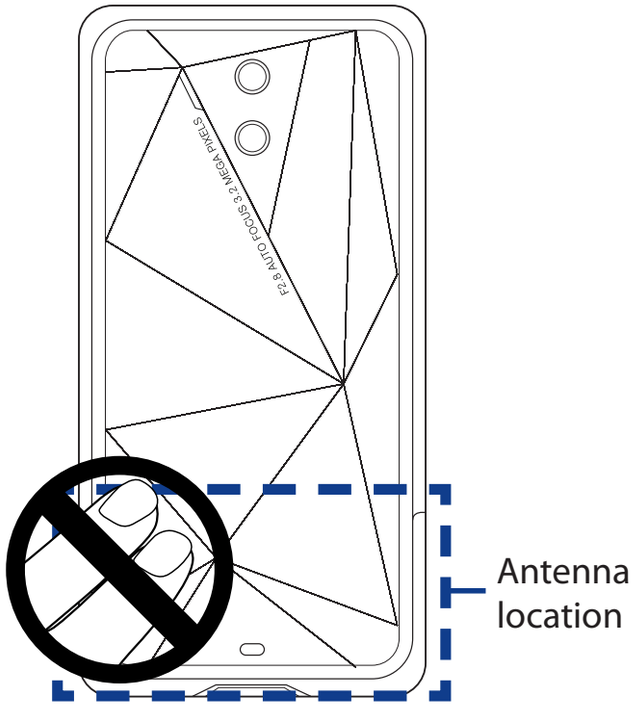
Your device has an internal antenna. This product should be operated in its normal-use position to ensure the radiative performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Use only the supplied integral antenna. Use of unauthorised or modified antennas may impair call quality and damage the phone, causing loss of performance and

SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its normal-use position.

Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimises the antenna performance and the battery life.



Electrical Safety

- Accessories
  - Use only approved accessories.
  - Do not connect with incompatible products or sccessories.
  - Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit the battery terminals.
- Connection to a Car
  Seek professional advice when connecting a phone interface to the vehicle electrical system.
- Faulty and Damaged Products
  - Do not attempt to disassemble the phone or its accessory.
  - Only qualified personnel must service or repair the phone or its accessory.

General Precautions

You alone are responsible for how you use your phone and any consequences of its use. You must always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

- **Avoid applying excessive pressure to the device**
  Do not apply excessive pressure on the screen and the device to prevent damaging them and remove the device from your pants' pocket before sitting down. It is also recommended that you store the device in a protective case and only use the device stylus or your finger when interacting with the touch screen. Cracked display screens due to improper handling are not covered by the warranty.
- **Device getting warm after prolonged use**
  When using your device for prolonged periods of time, such as when you're talking on the phone, charging the battery or browsing the web, the device may become warm. In most cases, this condition is normal and therefore should not be interpreted as a problem with the device.
- **Heed service markings**
  Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside the device should be done by an authorised service technician or provider.
- **Protect your phone**
  - Always treat your phone and its accessories with care and keep them in a clean and dust-free place.
  - Do not expose your phone or its accessories to open flames or lit tobacco products.
  - Do not expose your phone or its accessories to liquid, moisture or high humidity.
  - Do not drop, throw or try to bend your phone or its accessories.
  - Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its sccessories.

- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories, only authorised personnel must do so.
- Do not expose your phone or its accessories to extreme temperatures, minimum –20 and maximum 55 degrees Celsius.
- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it could break when you sit down.

- **Damage requiring service**
  Do not attempt to disassemble the phone or its accessories. Unplug the product from the electrical outlet and refer servicing to an authorised service technician or provider under the following conditions:
  - Liquid has been spilled or an object has fallen onto the product.
  - The product has been exposed to rain or water.
  - The product has been dropped or damaged.
  - There are noticeable signs of overheating.
  - The product does not operate normally when you follow the operating instructions.
- **Avoid hot areas**
  The product should be placed away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
- **Avoid wet areas**
  Never use the product in a wet location.
- **Avoid using your device after a dramatic change in temperature**
  When you move your device between environments with very different temperature and/or humidity ranges, condensation may form on or within the device. To avoid damaging the device, allow sufficient time for the moisture to evaporate before using the device.

  NOTICE: When taking the device from low-temperature conditions into a warmer environment or from high-temperature conditions into a cooler environment, allow the device to acclimate to room temperature before turning on power.

- **Avoid pushing objects into product**
  Never push objects of any kind into cabinet slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.
- **Air Bags**
  Do not place a phone in the area over an air bag or in the air bag deployment area. Store the phone safely before driving your vehicle.
- **Mounting accessories**
  Do not use the product on an unstable table, cart, stand, tripod, or bracket. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
- **Avoid unstable mounting**
  Do not place the product with an unstable base.
- **Use product with approved equipment**
  This product should be used only with personal computers and options identified as suitable for use with your equipment.
- **Adjust the volume**
  Turn down the volume before using headphones or other audio devices.
- **Cleaning**
  Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning, but NEVER use water to clean the LCD screen.
- **Small Children**
  Do not leave your phone and its accessories within the reach of small children or allow them to play with it. They could hurt themselves or others, or could accidentally damage the phone. Your phone contains small parts with sharp edges that may cause an injury or which could become detached and create a choking hazard.

- **Repetitive Motion Injuries**
  To minimise the risk of RSI, when texting or playing games with your phone:
  - Do not grip the phone too tightly
  - Press the buttons lightly
  - Make use of the special features in the handset which minimise the number of buttons which have to be pressed, such as message templates and predictive text.
  - Take lots of breaks to stretch and relax.
- **Bright Light**
  This phone is capable of producing flash of light or use as a torch, do not use it too close to the eyes.
- **Operating Machinery**
  Full attention must be given to operating the machinery in order to reduce the risk of an accident.
- **Electrostatic Discharge (ESD)**
  Do not touch the SIM card's metal connectors.
- **Seizures/Blackouts**
  This phone is capable of producing bright flashing lights.
- **Loud Noise**
  This phone is capable of producing loud noises which may damage your hearing.
- **Emergency Calls**
  This phone, like any wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

Telecommunications & Internet Association (TIA) Safety Information

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimise the potential for interference. If you have any reason to suspect that interference is taking place, turn the phone OFF immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn the phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

WEEE Notice

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.

The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal.



The WEEE logo (shown at the left) on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city center, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment.

RoHS Compliance

This product is in compliance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.

Contents

Chapter 1 Getting Started 31

1.1 Getting to Know Your Touch Phone and Accessories 32

Left panel 32
Right panel 32
Front panel 33
Back panel 34
Top panel 35
Bottom panel 35
Accessories 36

1.2 Installing the SIM Card, Battery and Storage Card 36

SIM card 37
Battery 37
Storage card 39

1.3 Charging the battery 40

1.4 Using the Strap Holder 41

1.5 Starting Up 42

Turn your device on and off 42
Switch to Sleep mode when not in use 42

1.6 Navigating Your Device 43

Finger-touch control 43
Stylus 45
Navigation Control 45

1.7 Home Screen 47

Tasks screen 48

1.8 Status Icons 48

1.9 Start Menu 51

1.10 Quick Menu 52

1.11 LED Alerts **53**
1.12 Adjusting the Volume **54**
1.13 Using your Device as a USB Drive **55**

Chapter 2 Using Phone Features **55**
2.1 Using the Phone **56**
The Phone screen 56
Enter your PIN 56
2.2 Voice Call **57**
Make a call 57
Answer a call 58
End a call 61
Call History 61
Speed Dial 62
Turn the phone function on and off 62
2.3 Video Call **63**
Make a video call 63
Answer a video call 64
Change settings 64
2.4 Smart Dial **67**
Make a call or send a text message using Smart Dial 68
2.5 Setting Up Bluetooth SIM Access for Car Kit Phones **69**

Chapter 3 TouchFLO™ 3D **69**
3.1 About TouchFLO™ 3D **70**
3.2 Using the TouchFLO 3D Home Screen **70**
Home 72
People 74
Messages 76
Mail 77
Applications 78

Photos and Videos 78
Music 80
Internet 84
Weather 84
Settings 86
3.3 Finger Gestures 87
Finger scrolling 87
Finger zooming 88
Finger panning 88

Chapter 4 Entering Text 95
4.1 Entering Information 96
QWERTY keyboard 96
On-screen input methods 96
4.2 Using the Hardware Keyboard 98
4.3 Using the Full QWERTY 99
4.4 Using the Compact QWERTY 100
4.5 Using the Phone Keypad 101
4.6 Using Multitap and T9 Modes 102
Multitap mode 102
T9 mode 102
4.7 Using Numeric and Symbol Mode 104
4.8 Using Block Recognizer 105
4.9 Using Letter Recognizer 105
4.10 Using Transcriber 106

Chapter 5 Synchronising Information With Your Computer 111
5.1 About Synchronisation 112
Ways to synchronise 112
5.2 Setting Up Windows Mobile® Device Center on Windows Vista® 113
Set up synchronisation in Windows Mobile Device Center 114

Use Windows Mobile Device Center 115
5.3 Setting Up ActiveSync® on Windows® XP 116
Install ActiveSync 116
Set up synchronisation in ActiveSync 116
5.4 Synchronising With Your Computer 117
Start and stop synchronisation 117
Change which information is synchronised 118
Troubleshoot sync connection problem 119
5.5 Synchronising via Bluetooth 119
5.6 Synchronising Music and Video 120

Chapter 6 Exchanging Messages 105
6.1 Messaging 106
6.2 Text Messages 107
Create a new text message 107
Compose and send a text message 108
Manage text messages 108
6.3 MMS 111
Change MMS settings 111
Create and send MMS messages 112
View and reply to MMS messages 115
6.4 Types of Email Accounts 116
Set up your device to synchronise Outlook email with the computer 117
Add an email account 117
6.5 E-mail Setup Wizard 118
Set up an Internet email account 118
Set up a custom domain email 121
6.6 Using Email 122
Create a new email message 122
Compose and send an email 123
Filter the Inbox message list 123

View and reply to messages 124
Synchronise emails 126
Customise email settings 126

Chapter 7 Working With Company Emails and Meeting Appointments 125

7.1 Synchronising with the Exchange Server 126
Set up an Exchange Server connection 126
Start synchronisation 127
7.2 Working With Company Emails 128
Automatic synchronisation through Direct Push 128
Scheduled synchronisation 129
Instant download through Fetch Mail 129
Search for emails on the Exchange Server 130
Flag your messages 131
Out-of-office auto-reply 132
7.3 Managing Meeting Requests 132
7.4 Finding Contacts in the Company Directory 134

Chapter 8 Internet 135

8.1 Ways of Connecting to the Internet 136
Wi-Fi 136
GPRS/3G 140
Dial-up 141
8.2 Starting a Data Connection 142
8.3 Using Opera Mobile™ 142
View web pages 144
Opera Mobile menu 145
8.4 Using YouTube™ 146
Browse for videos 146
Watching videos 148

Bookmarks 149
History 150
8.5 Using Streaming Media 151
8.6 Using Windows Live™ 153
Set up Windows Live™ 153
The Windows Live™ interface 154
Windows Live™ Messenger 155
Launch Messenger and sign in 155
Add Windows Live™ contacts 156
8.7 Using Your Device as a Modem (Internet Sharing) 157
8.8 Using RSS Hub 160
Subscribe to and organise news channels 160
View and organise headlines 162
View the news summary 163

Chapter 9 Bluetooth 165
9.1 Bluetooth Modes 166
9.2 Bluetooth Partnerships 167
9.3 Connecting a Bluetooth Hands-free or Stereo Headset 168
9.4 Beaming Information Using Bluetooth 169
9.5 Bluetooth Explorer and Bluetooth File Sharing 171
9.6 Printing Files via Bluetooth 172

Chapter 10 Navigating on the Road 175
10.1 Google™ Maps 176
Open Google Maps 176
Search for a place of interest 177
10.2 Guidelines and Preparation for Using GPS 178
10.3 Downloading Satellite Data via QuickGPS 180
Download options 181

Chapter 11 Experiencing Multimedia 183
11.1 Taking Photos and Videos 184
Capture modes 184
Camera controls 186
On-screen controls and indicators 186
Menu Panel 188
Zooming 189
The Review screen 191
Advanced Options 192
11.2 Viewing Photos and Videos Using Album 196
Select a photo or video to view 196
View an image 197
Play back video 200
Close Album 201
11.3 Using Windows Media® Player Mobile 201
About the controls 202
About the screens and menus 202
Synchronise video and audio files 203
Play media 205
Playlists 206
Troubleshooting 206
11.4 Using FM Radio 207
FM Radio controls 207
Device controls used in FM Radio 209
Save presets 209
FM Radio Main Menu 210
11.5 Using Audio Booster 211
Chapter 12 Programs 213
12.1 Programs on your Device 214
12.2 Adding and Removing Programs 218

12.3 Adobe® Reader® LE 219
12.4 Calendar 220
Create appointments 221
View appointments 222
Send appointments 223
12.5 Contacts 224
Add new contacts 225
Organise and search contacts 226
Share contact information 227
12.6 Comm Manager 228
12.7 JETCET™ PRINT 229
Open JETCET PRINT 229
Set up a printer 229
Print a file 230
Print a web page 230
12.8 Microsoft® Office Mobile 231
12.9 Notes 232
12.10 Java 234
Install and launch MIDlets/MIDlet suites 234
Manage MIDlets/MIDlet suites 235
12.11 SIM Manager 236
12.12 Spb GPRS Monitor 238
Install GPRS Monitor 238
The GPRS Monitor icon and pop-up window 238
Set up monitoring and notification 239
View charts and reports 240
12.13 Sprite Backup 241
12.14 Tasks 244
12.15 Voice Recorder 245
12.16 Voice Speed Dial 247

12.17 WorldCard Mobile 249
Install WorldCard Mobile 249
Capture and export business card information 249
12.18 ZIP 251

Chapter 13 Managing Your Device 253
13.1 Copying and Managing Files 254
13.2 Settings on your Device 255
Personal tab 255
System tab 256
Connections tab 259
13.3 Changing Basic Settings 260
Date and time 260
Regional settings 260
Display settings 261
Device name 261
Ringer settings 262
Alarms and notifications 263
Phone services 264
13.4 Using Task Manager 264
13.5 Protecting Your Device 266
Protect your SIM card with a PIN 266
Protect your device with a password 267
13.6 Connecting to an External Display 268
Connect the device to an external display 268
13.7 Managing Memory 269
13.8 Resetting Your Device 270
Soft reset 270
Hard reset 270
Clear Storage 271
13.9 Windows Update 272

13.10 Battery Saving Tips 273

Appendix **275**

A.1 Specifications 276

A.2 Regulatory Notices 279

Index **283**

Chapter 1

Getting Started

1.1 Getting to Know Your Touch Phone and Accessories

1.2 Installing the SIM Card, Battery and Storage Card

1.3 Charging the battery

1.4 Using the Strap Holder

1.5 Starting Up

1.6 Navigating Your Device

1.7 Home Screen

1.8 Status Icons

1.9 Start Menu

1.10 Quick Menu

1.11 LED Alerts

1.12 Adjusting the Volume

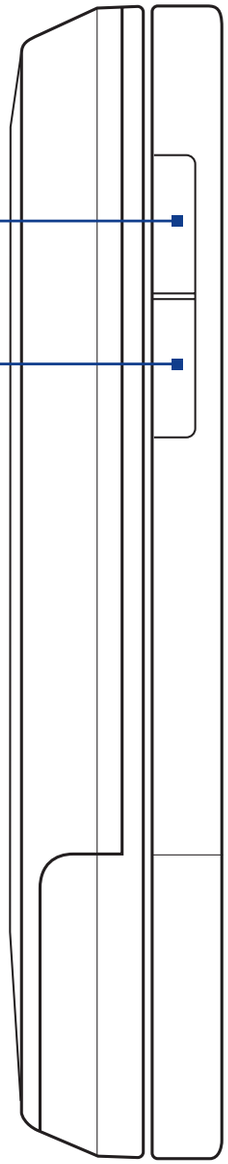
1.13 Using your Device as a USB Drive

1.1 Getting to Know Your Touch Phone and Accessories

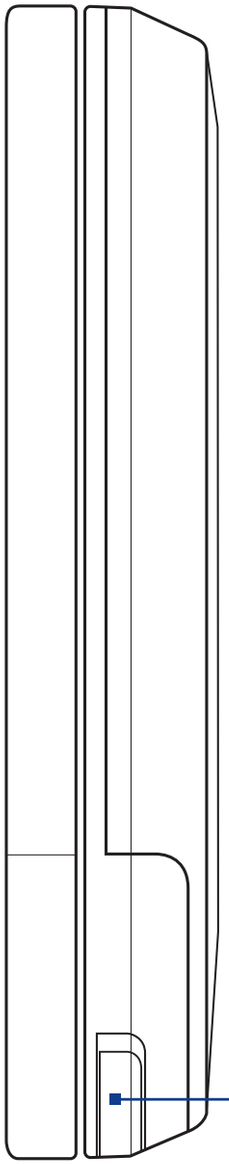
Left panel

VOLUME UP
During a call or when playing music, press this button to increase the volume.

VOLUME DOWN
During a call or when playing music, press this button to lower the volume.

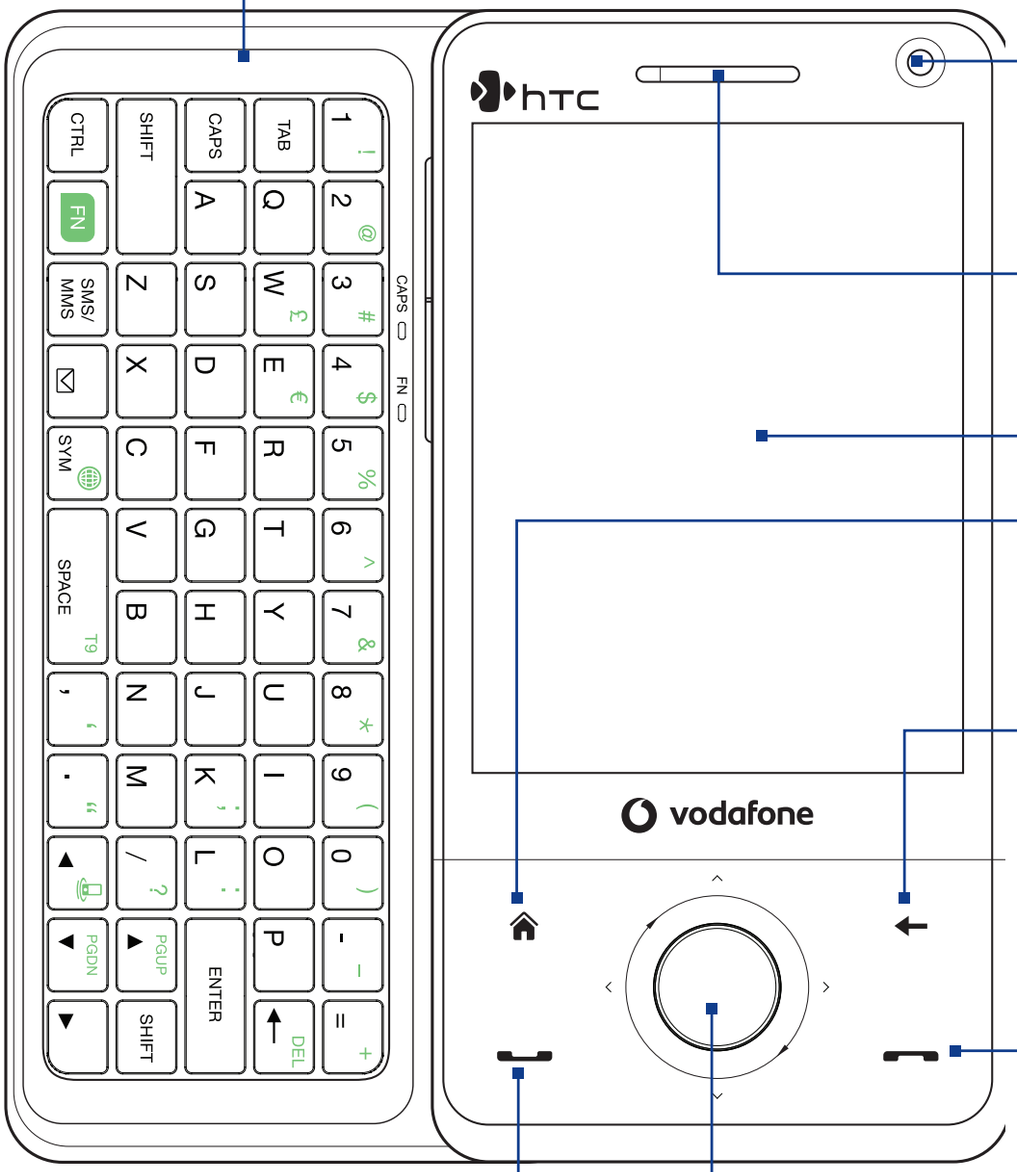


Right panel



Stylus
(See "Stylus" in this chapter for details.)

Front panel



Hardware keyboard
See Chapter 4 for details.

Second Camera
Use this camera for video call conversations or to take a self-portrait.

Earpiece
Listen to a phone call from here.

Touch Screen

HOME
Press to return to the Home screen. See Chapter 3 for details.

BACK
Press to return to the previous screen.

END
- Press to end a call or return to the Home screen.
- Press and hold to lock the device. (See "Long Press End Key" under "Settings on your Device" in Chapter 13 for details.)

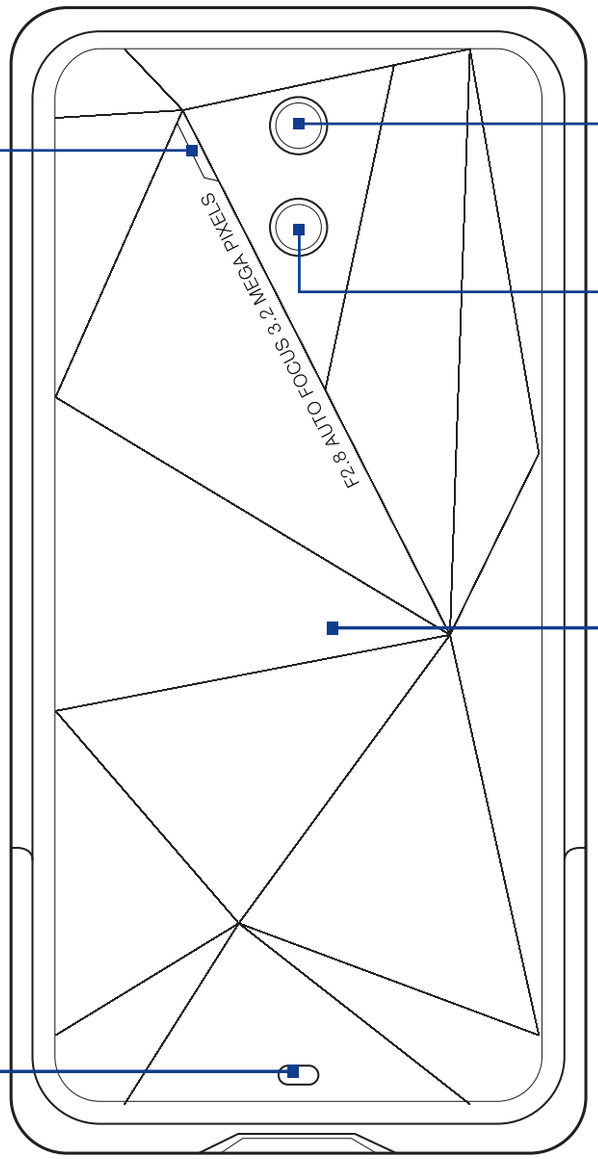
TALK/SEND
- Press to answer an incoming call or dial a number.
- During a call, press and hold to toggle the speakerphone on and off.
- Press and hold to use Voice Speed Dial. (See Chapter 12 for details.)

Navigation Control
This Navigation Control is both press-sensitive and touch-sensitive. See "Navigation Control" later in this chapter for details.

Notes When using the four buttons — HOME, BACK, TALK/SEND, and END — and the Navigation Control, please observe the following precautions:

- Make sure to press on the icons of the four buttons for the best accuracy. When pressing on the Navigation Control, make sure to press the outer areas near the ENTER button for directional control.
- For best results, press with your fingertip. Do not wear gloves.

Back panel



Speaker

3.2 Megapixel Camera
See "Taking Photos and Videos" in Chapter 11 for details.

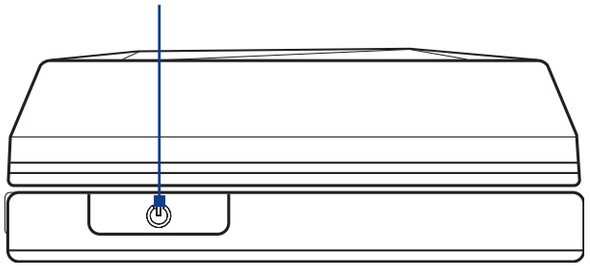
Flash Light

Back Cover
Push the back cover upward to remove it.

Strap Holder
See "Using the Strap Holder" in this chapter for details.

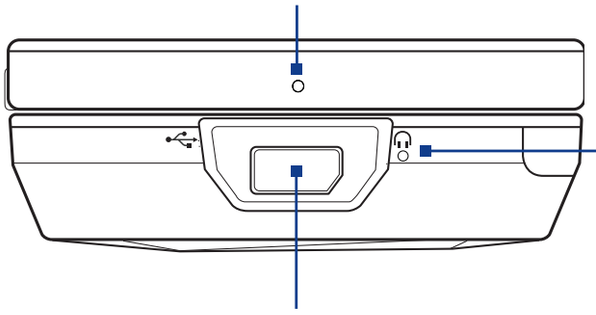
Top panel

POWER
Press to turn off the display temporarily. To turn off the power, press and hold for about 5 seconds.
For more information, see "Starting Up" in this chapter.



Bottom panel

Microphone



Reset
With the stylus, press the Reset button to soft-reset the device.

Sync Connector/Earphone Jack/TV Out

- Connect the supplied USB cable to synchronise information or plug in the AC adapter to recharge the battery.
- Connect the supplied USB stereo headset for hands-free conversation or for listening to audio media.
- Connect an HTC composite video and audio cable (purchased separately) to output the device screen contents and device audio to an external viewing device.

Accessories

The product package includes the following items and accessories:

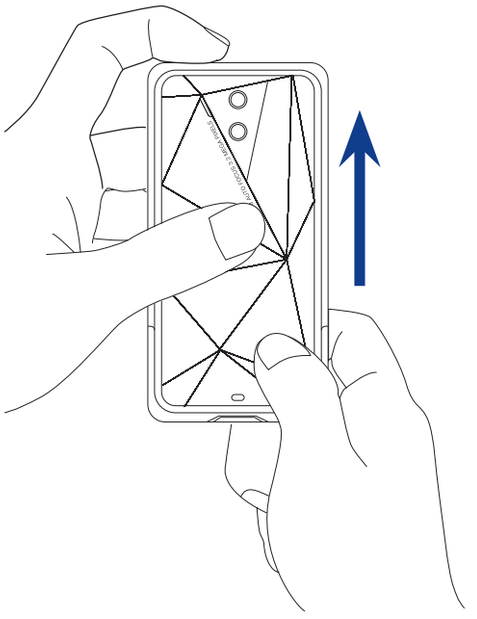
- Battery
- AC adapter
- Screen protector
- Stereo headset
- USB sync cable
- Pouch
- Quick Start Guide
- Getting Started and Application discs
- Extra stylus

1.2 Installing the SIM Card, Battery and Storage Card

Always turn off your device before installing or replacing the SIM card, battery and storage card. You also need to remove the back cover before you can install these components.

To remove the back cover

1. Make sure your device is turned off.
2. Hold the device with both hands and the front panel facing down.
3. Push the back cover up with your thumb until it disengages from the device and then slide it up to remove.



SIM card

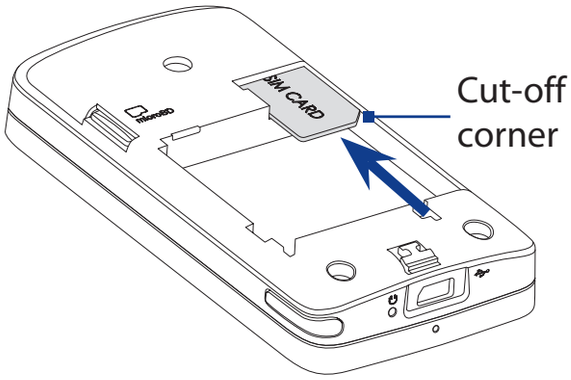
The SIM card contains your phone number, service details, and phonebook/ message memory. Your device supports both 1.8V and 3V SIM cards.

Note Some legacy SIM cards may not function with your device. You should consult with your service provider for a replacement SIM card. There may be fees for this service.

To install the SIM card

1. Make sure your device is turned off.
2. Locate the SIM card slot, then insert the SIM card with its gold contacts facing down and its cut-off corner facing out the card slot.

   Note You must remove the battery before you can insert the SIM card. See "To remove the battery" in this chapter.



3. Slide the SIM card completely into the slot.

To remove the SIM card

1. Remove the battery if it is installed.
2. Slide the SIM card out from the SIM card slot with your thumb.

Battery

Your device comes with a rechargeable Lithium-ion or Lithium-ion polymer battery and is designed to use only manufacturer-specified original batteries and accessories. Battery performance depends on many factors, including network configuration, signal strength, the temperature of the environment in which you operate your device, the features and/or settings you select and use, items attached to connecting ports, and your voice, data, and other program usage patterns.

Battery life estimates (approximations):

- Standby time: Up to **367** hours for GSM
  Up to **462** hours for WCDMA
- Talk time: Up to **419** minutes for GSM
  Up to **378** minutes WCDMA
- Video call time: Up to **189** minutes for WCDMA

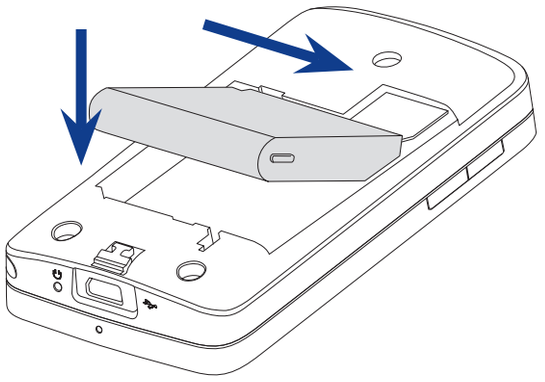
Note Battery life is subject to network and phone usage.

Warning! To reduce risk of fire or burns:

- Do not attempt to open, disassemble, or service the battery pack.
- Do not crush, puncture, short external contacts, or dispose of in fire or water.
- Do not expose to temperatures above 60°C (140°F).
- Replace only with the battery pack designated for this product.
- Recycle or dispose of used battery as stipulated by local regulations.

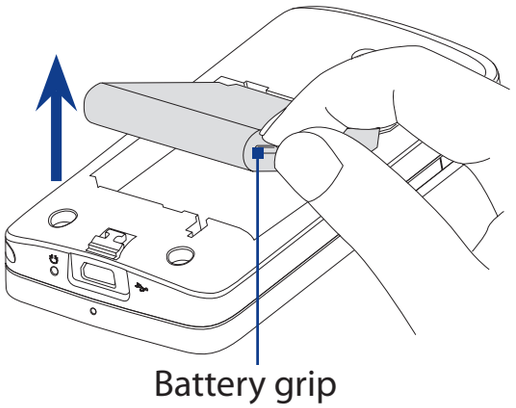
To install the battery

1. Align the battery's exposed copper contacts with the battery connectors inside the battery compartment.
2. Insert the contact's side of the battery first and then gently push the battery into place.
3. Replace the back cover.



To remove the battery

1. Make sure your device is turned off.
2. Remove the back cover.
3. The bottom right side of the battery has a protruding grip. Lift the grip to remove the battery.



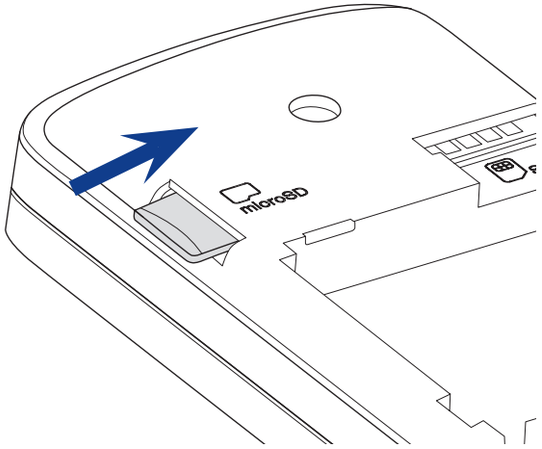
Storage card

To have additional storage for your images, videos, music, and files, you can purchase a microSD™ card and install it into your device.

To install a microSD card

Insert the microSD card into the slot with its gold contacts facing down.

Note To remove the microSD card, press it to eject it from the slot.



1.3 Charging the battery

New batteries are shipped partially charged. Before you start using your device, it is recommended that you install and charge the battery. Some batteries perform best after several full charge/discharge cycles.

To charge the battery

1. Connect the USB connector of the AC adapter to the sync connector on your device.
2. Plug in the AC adapter to an electrical outlet to start charging the battery.

Note Only the AC adapter and USB sync cable provided with your device must be used to charge the device.

Charging is indicated by a "breathing" white light around the Navigation Control. As the battery is being charged while the power is on, a charging icon also appears in the title bar of the Home screen. After the battery has been fully charged, the Navigation Control LED shows a solid white light and a full battery icon appears in the title bar of the Home screen.

For more information about the Navigation Control LED, see "LED Alerts" in this chapter.

Warning!

- Do not remove the battery from the device while you are charging it using the AC or car adapter.
- As a safety precaution, the battery stops charging when it overheats.

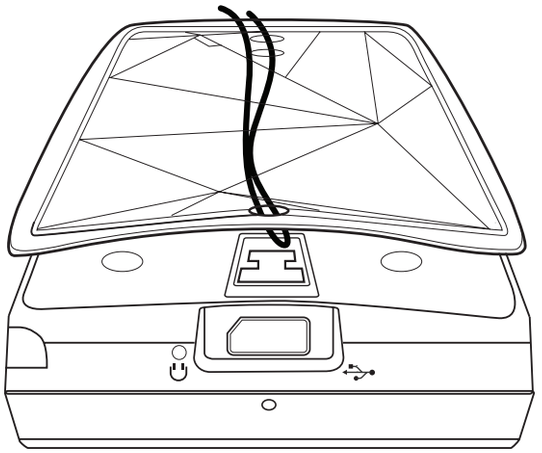
1.4 Using the Strap Holder

The strap holder at the bottom panel of your device allows you to attach a wrist strap, neck lanyard, or string accessory.

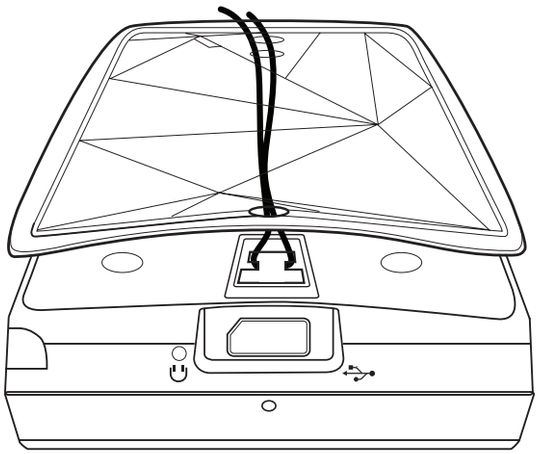
To attach a strap, lanyard or string accessory to the strap holder

1. Remove the back cover.
2. Insert the loop of the strap, lanyard or string accessory through the strap holder hole on the back cover.

   Tip To pass through the strap holder hole easier, push the loop into the strap holder hole using a pointed object such as a needle or a toothpick.



3. Attach the loop over the small T-shaped hook at the bottom of the device back panel.
4. Slightly pull the strap, lanyard or string accessory from the back cover to secure it in place.
5. Replace the back cover.



1.5 Starting Up

After installing your SIM card and battery and charging the battery, you can now power on and start using your device.

Turn your device on and off

To turn on the power

1. Press the POWER button.
2. When you turn on your device for the first time, a Quick Start Wizard guides you through the calibration process and the setup of date and time, and password. For more information about these settings, see Chapter 13. After the Quick Start Wizard finishes, the device installs customisation settings, then restarts.

Note After the device restarts, you may be prompted to set up an email account. For instructions on how to set up an email account, see Chapter 6.

To turn off the power

1. Press and hold the POWER button for a few seconds.
2. Tap **Yes** when a message prompts you to choose whether or not to turn off the device completely.

Switch to Sleep mode when not in use

Press and immediately release the POWER button to turn off the display temporarily and switch your device to **Sleep mode**. Sleep mode suspends your device to a low power state while the display is off in order to save battery power.

Your device automatically goes into Sleep mode when you leave the device idle after a certain period of time. You will still be able to receive messages and calls while your device is in Sleep mode. Pressing the POWER button again, removing the stylus, or incoming calls/messages will wake up your device.

1.6 Navigating Your Device

There are different ways you can navigate and interact with the interface of your device.

Finger-touch control

A quick and easy way to interact with the home screen and the whole interface of your device is by touch. Basically, the following are the types of actions, called finger gestures, you would use when interacting with your device:

Touch or tap

When selecting items on the screen, such as the Home screen tabs, Start menu, programs and settings icons, and large on-screen buttons, simply touch them with your finger. Apply some pressure with your finger pad when touching an item on the screen.

Tapping means to touch lightly and quickly with your finger pad or fingertip. On screens that display smaller-size items, you can more accurately select an item by tapping it with your fingertip.

Swipe

To swipe means to drag your finger vertically or horizontally across the screen. The following are some instances when you would use swiping:

- **Flipping on the Home screen**

  Swipe your finger vertically to flip through favourite contacts, messages, music albums, photos, and more. For more information, see "Using the TouchFLO 3D Home Screen" in Chapter 3.

- **Scrolling**

  When browsing the contacts list, web pages, documents, and certain selection lists on the Home screen (such as the **All Programs** list), slowly swipe your finger vertically across the screen to scroll. This allows you to scroll by page and to view the content or available selections as you scroll.

The direction of swiping resembles the way you move a printed document as you are reading it. For detailed instructions, see "Finger scrolling" in Chapter 3.

Slide

Sliding on the touch screen also involves dragging with your finger, but you need to press and hold your finger with some pressure before you start to drag. While dragging, do not release your finger until you have reached the target position.

The following are some instances when you would use sliding:

- **Switching between Home screen tabs**

  Slide your finger left and right to switch between the Home screen tabs. For more information, see "Using the TouchFLO 3D Home screen" in Chapter 3.

- **Advancing playback**

  In players that have a progress bar, such as the Home screen's **Music** tab and Windows Media® Player Mobile, slide your finger horizontally on their progress bar to advance forward or move backward in the music or video you are playing.

  For more information about the Home screen's Music tab, see "Music" in Chapter 3.

  For more information about Windows Media® Player Mobile, see "Using Windows Media® Player Mobile" in Chapter 11.

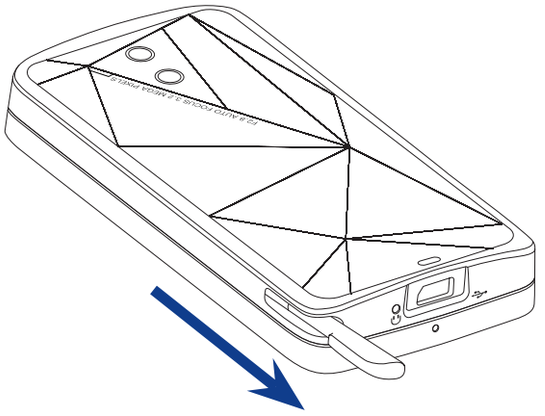
Flick

Flicking the screen is similar to swiping, except that you need to swipe your finger in light, quicker strokes. This finger gesture is always in a vertical direction, such as when flicking the contacts list. See "Finger scrolling" in Chapter 3 for details.

Finger zooming and panning

In programs such as Album and Opera Mobile, you can use finger gestures when zooming and panning. See Chapter 3, 8 and 11 for details.

Stylus



You can use the stylus to navigate and interact with the touch screen. To use the stylus, pull it out from the stylus compartment at the bottom of the right panel of your device. If the backlight is off, removing the stylus automatically turns the backlight back on.

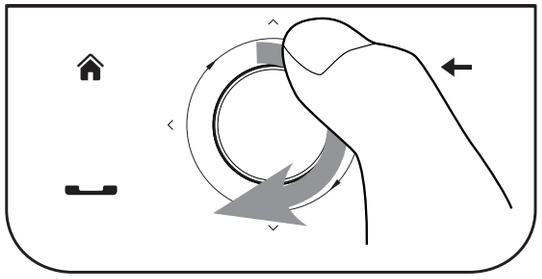
The stylus is magnetic and sticks to the side when held close to the device. This prevents you from accidentally losing or misplacing the stylus.

Basically, you tap with the stylus to open programs and select items on the screen, and you tap and hold on the screen to open a shortcut menu. You can also use the stylus the same way as what you do with finger gestures, such as swiping, sliding and flicking on the screen.

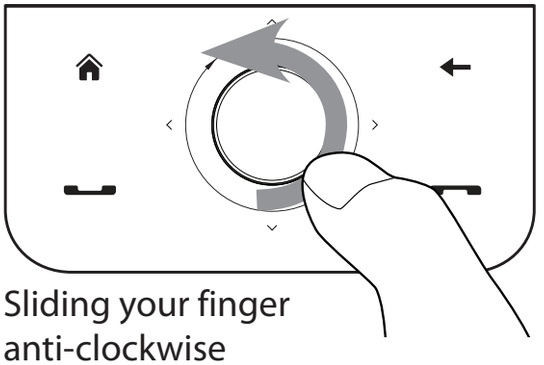
Navigation Control

On the home screen and in many programs on your device, you can use the Navigation Control for directional control. Press the directional arrows to navigate up, down, left, and right on the screen. When an item has been selected on the screen, press the ENTER button (the centre button) to confirm your selection.

The Navigation Control is also touch sensitive and can be used for zooming. Slide your finger clockwise around the Navigation Control to zoom in, anti-clockwise to zoom out.



Sliding your finger clockwise



Sliding your finger anti-clockwise

The following programs allow you to use the Navigation Control for zooming:

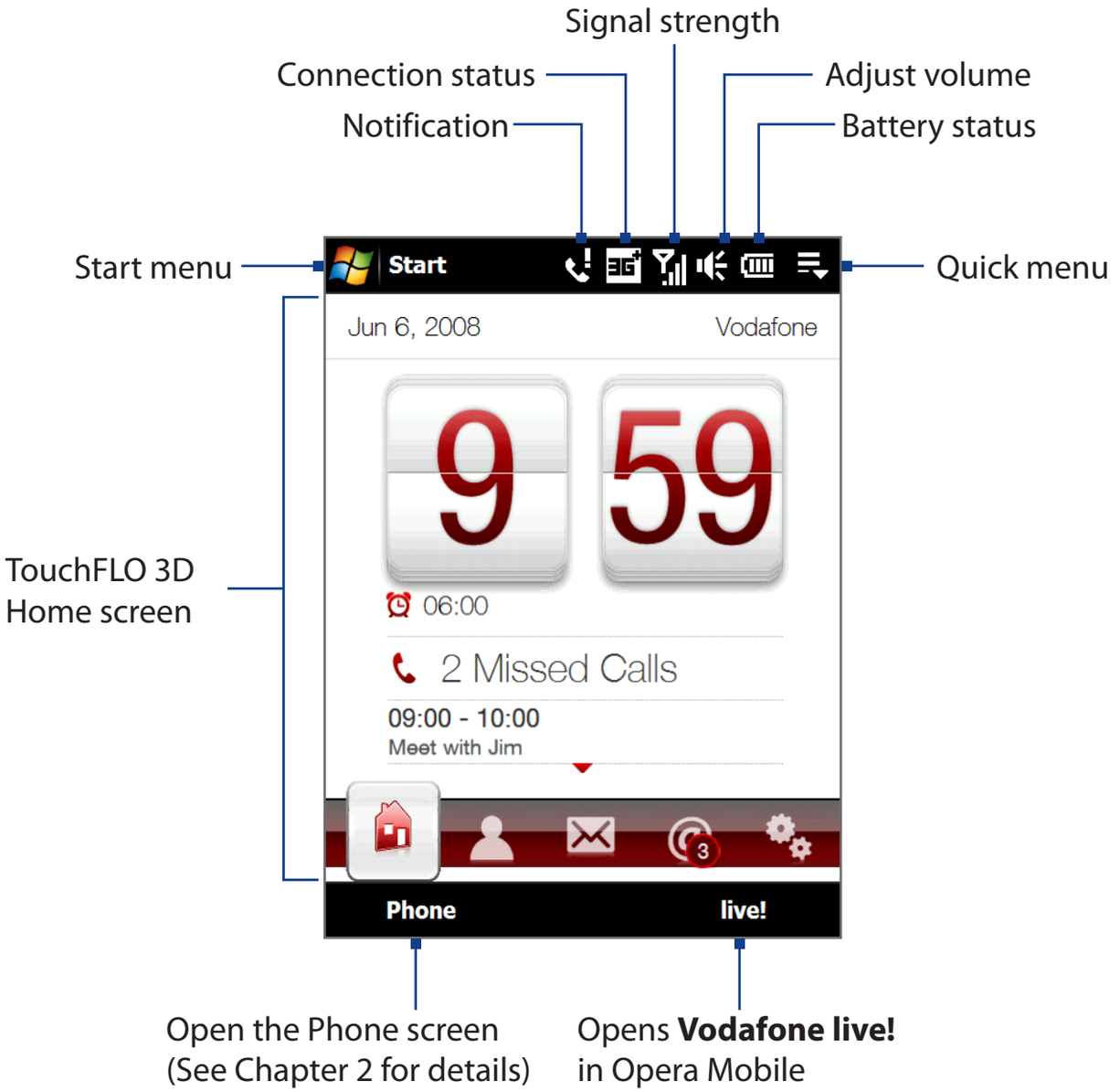
- Album
- Camera
- Opera Mobile
- Word Mobile and Excel Mobile

Tip If you purchase and install a GPS navigation software on your device, you can also use the Navigation Control for zooming in on the GPS screen.

On the Home screen's **Music** tab, you can advance forward in the music you are playing by sliding clockwise around the Navigation Control. To move backward in the music, slide anti-clockwise. See "Music" in Chapter 3 for details.

1.7 Home Screen

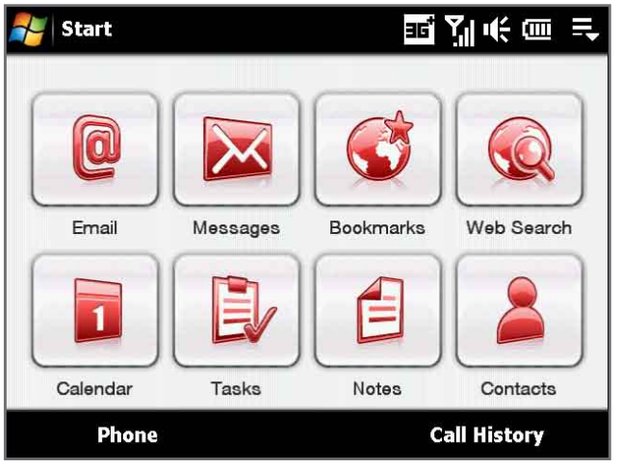
The default home screen of the device is the TouchFLO™ 3D Home screen which allows finger-touch access to the most important functions such as contacts, text messages, email, Internet, and more.



For more information about using the TouchFLO 3D Home screen, see Chapter 3.

Tasks screen

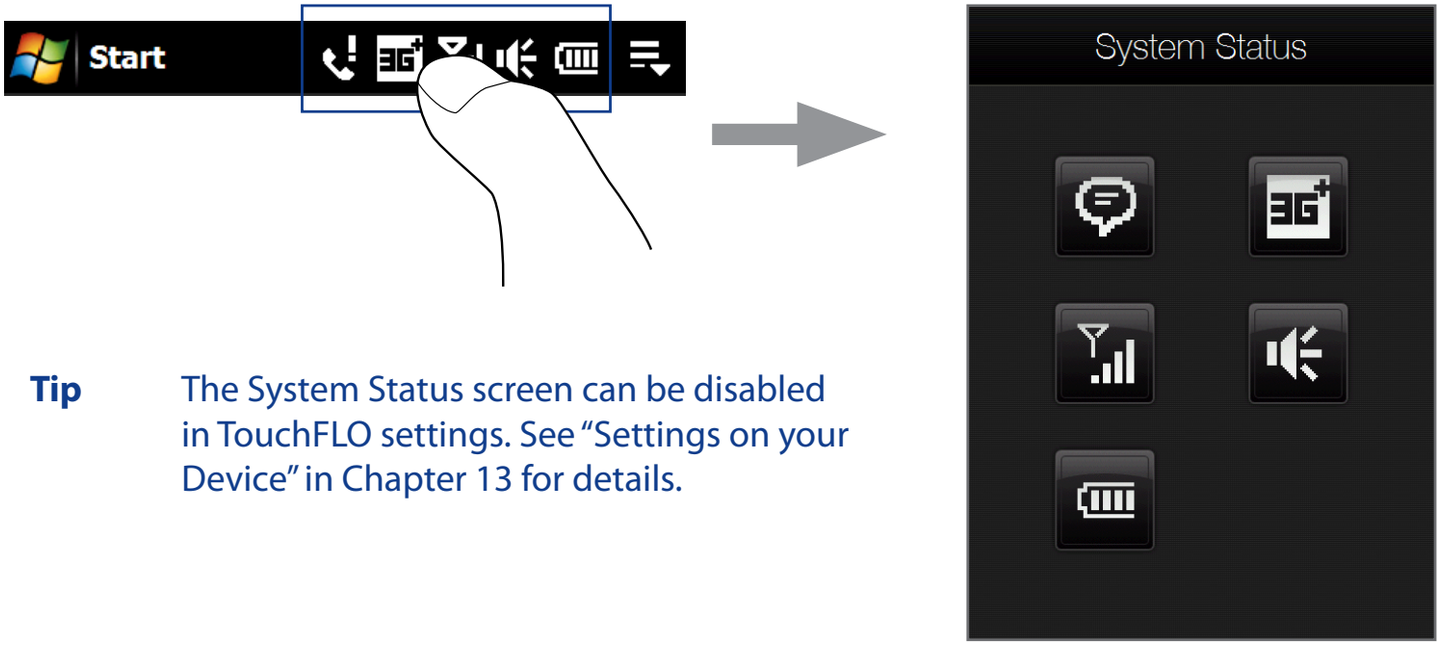
When you open the hardware keyboard while on the Home screen, a screen is shown letting you quickly start a task such as writing an email or SMS message, creating a new appointment, opening the web browser, and more.



Note If you do not have an e-mail account set up on your device, the E-mail setup wizard will open when you tap Email.

1.8 Status Icons

When you touch or tap the icon area of the title bar, the System Status screen opens and displays larger status icons so you can touch them with your finger more easily and accurately.



Tip The System Status screen can be disabled in TouchFLO settings. See "Settings on your Device" in Chapter 13 for details.

The following are some of the status icons that you may see on the device.



Icons that appear in this area	
	Multiple notifications; tap the icon to view all
	New text messages; SMS notification of voice mail
	Sending MMS
	Receiving MMS
	MMS sent
	Cannot send MMS
	New incoming MMS
	New Windows Live™ message
	Missed call

Icons that appear in this area	
	Speakerphone on
	Roaming
	Alarm
	Other wireless network(s) detected
	Wired headset connected
	Bluetooth on
	Bluetooth visible mode on
	Bluetooth stereo headset connected



Icons that appear in this area	
	Vibrate mode
	Sound on
	Sound off

Icons that appear in this area	
	Battery charging
	Battery full
	Battery very low

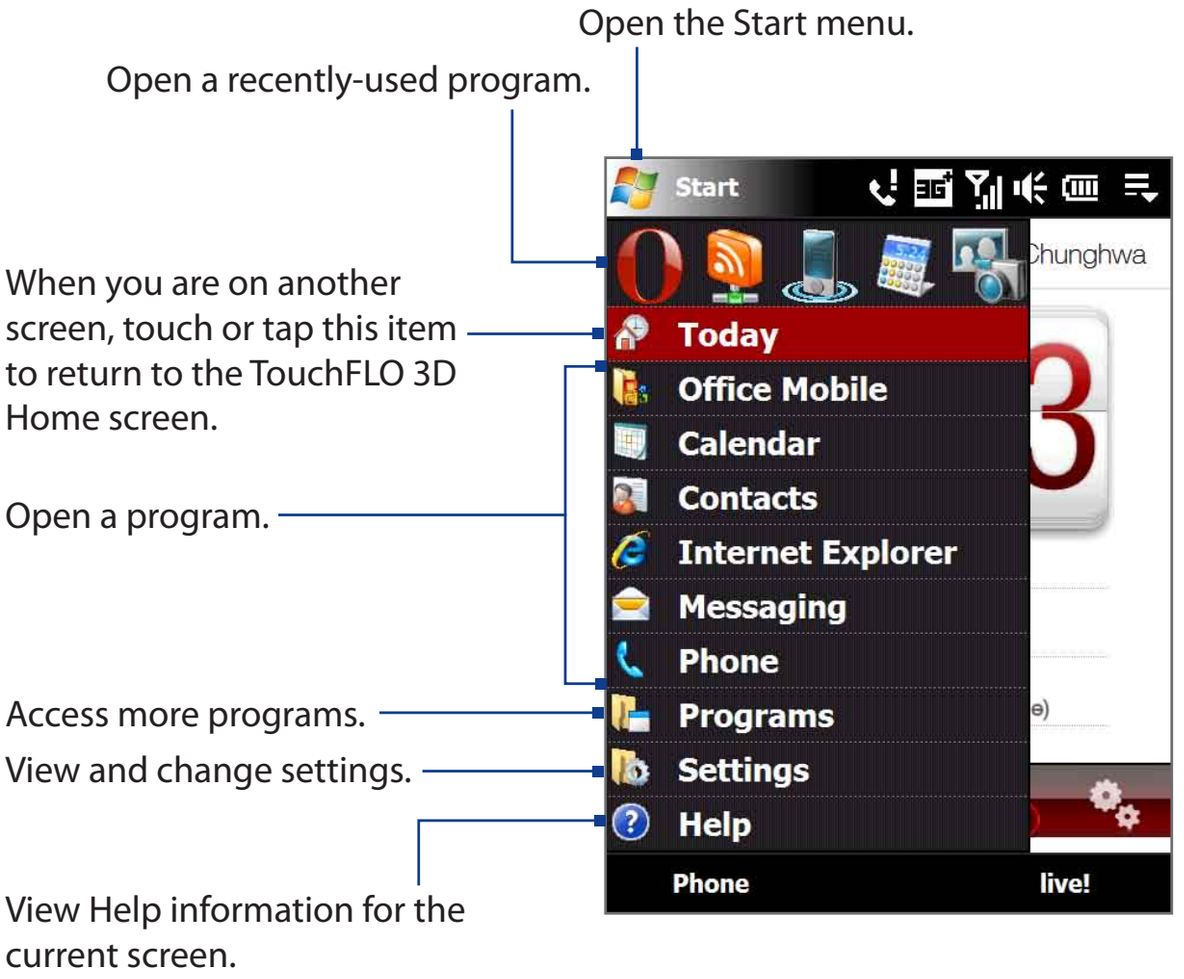


Icons that appear in this area	
	GPRS available
	EDGE available
	HSPA available
	WCDMA/UMTS available
	Connected to a wireless network
	Connection is active
	Connection is not active
	Synchronisation in progress

Icons that appear in this area	
	GPRS connecting
	GPRS in use
	EDGE connecting
	EDGE in use
	HSPA connecting
	HSPA in use
	WCDMA/UMTS connecting
	WCDMA/UMTS in use
	Maximum signal strength
	No signal
	Phone is turned off
	No phone service
	Searching for phone service
	Voice call in progress
	Call on hold
	Calls are forwarded
	Dialling while no SIM card is inserted
	No SIM card inserted

1.9 Start Menu

The Start menu, which can be opened from the top left corner of the screen, gives you access to all the programs and settings of your Windows Mobile-powered device. Touch or tap to select an item on the Start menu.



By default, the Start menu is displayed in a large size to make it easier for you to touch menu items with your finger when selecting them from the Start menu. The Start menu can also be displayed in a smaller size, if preferred. Tap **Start > Settings > System** tab **> TouchFLO** and then clear the **Enable large Start menu** check box to display a smaller Start menu.

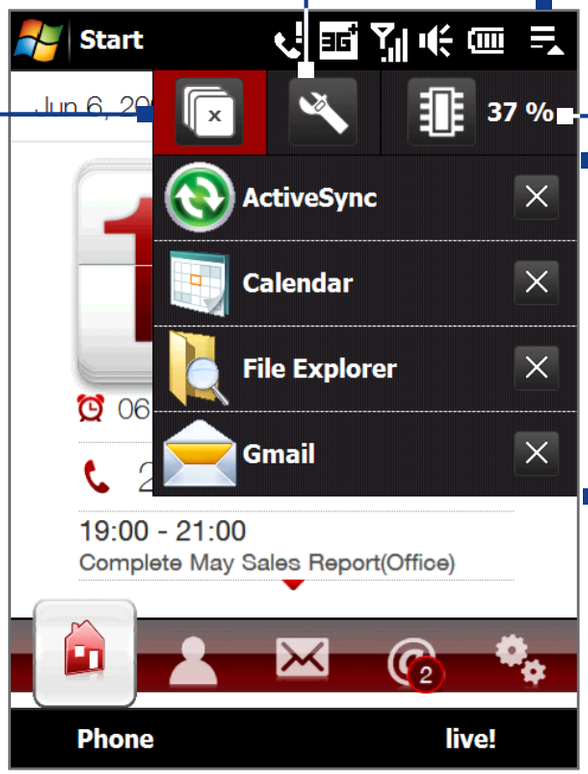
1.10 Quick Menu

The Quick menu, which can be opened from the top right corner of the screen, shows the currently running programs. You can quickly switch between running programs, stop programs, and see how much program memory is being used.

Customise Task Manager settings. (See "Using Task Manager" in Chapter 13.)

Touch this icon to open the Quick Menu.

Stop all currently running programs.



Shows the total percentage of program memory in use. Touch to open the Memory settings screen.

- To switch to a running program, touch the program name.
- To stop a running program, touch ×.

1.11 LED Alerts

The buttons below the touch screen and the exterior edge of the Navigation Control which is an LED ring will light up in the following situations:

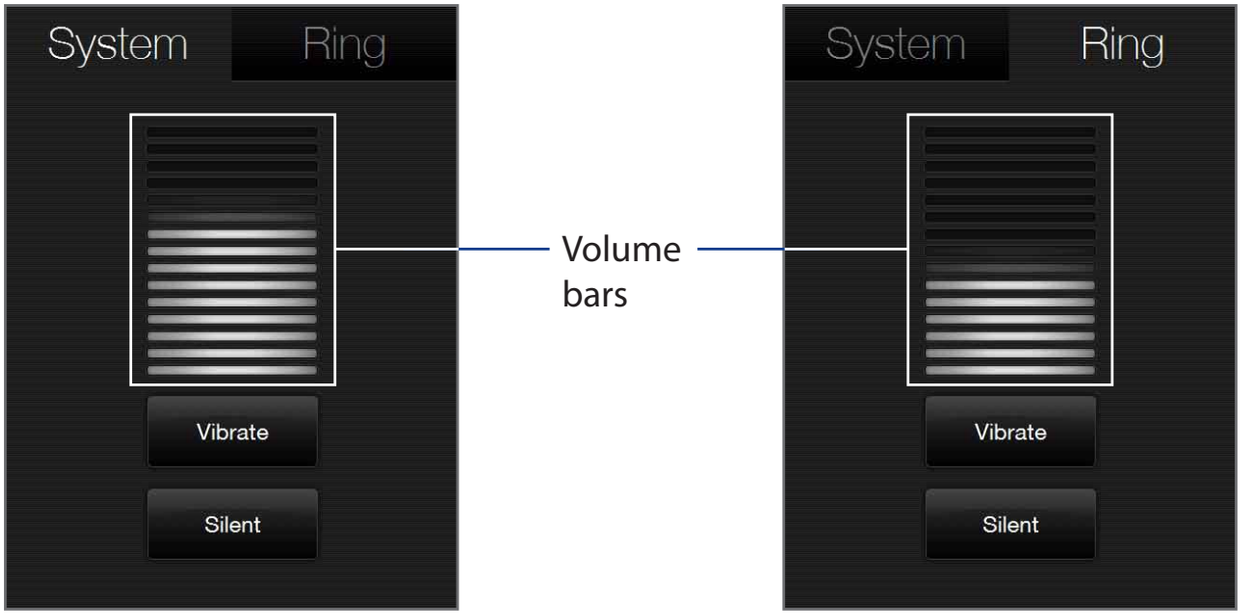
Controls	Light Behaviour
SEND button	Light flashes when there is an incoming call.
END button	Light stays solid when there is an incoming call.
Navigation Control	• The LED ring shows a "breathing" white light when the battery is being charged. • The LED ring shows a solid white light when the battery is fully charged. • The LED ring flashes a white light once when the battery level is low and reaches down to about 10%. • The top and bottom parts of the LED ring flashes a white light twice when there is a new email, voice mail, or meeting reminder. • A white light goes around the LED ring anti-clockwise twice starting from the top when there is a missed call or new SMS or MMS message.

The LED ring, HOME, BACK, SEND, and END buttons will flash a white light once when one of the buttons or Navigation Control is pressed.

1.12 Adjusting the Volume

Adjusting the system volume changes the volume level of sound notifications and audio/video playback, whereas adjusting the ring volume affects only the volume of the phone ring. The system volume and ring volume can be separately adjusted.

1. Touch the icon area in the title bar and then touch the **Speaker** icon ( ) on the System Status screen.
2. To switch between the Ring Volume and System Volume screens, touch **Ring** or **System** on top of the screen.
3. On either screen, you can do the following:
   - To increase or decrease the volume level, drag your finger up or down the volume bars. You can also press the VOLUME UP/DOWN buttons on the left panel of your device.



   - Touch **Vibrate** to switch to Vibrate mode.
   - Touch **Silent** to mute both the system and ring volume.
4. The System Volume or Ring Volume screen automatically closes. You can also manually close the screen by touching the screen.

Note On certain screens that do not show the volume status icon on the title bar, you need to use the VOLUME UP/DOWN buttons on the left panel of your device to adjust the volume. Also use these buttons to adjust the conversation phone volume during an ongoing call.

1.13 Using your Device as a USB Drive

To easily carry media and other files with you, you can use your device's storage card as a USB flash drive. Touch **Start > Settings > Connections** tab **> USB to PC** and then select **Disk Drive** mode. This allows you to copy files from your computer to the device's storage card and vice versa faster.

Note You need to have a storage card installed on your device to be able to use your device as a disk drive.

When **Disk Drive** mode is used:

- You will not be able to use your device to access files from the storage card while it is connected to your PC.
- Your PC will only connect to the device's storage card. When you access your device from the PC, you will only see the contents of the device's storage card.

Remember to change back to **ActiveSync** mode when you need to synchronise data between your device and your PC.

Chapter 2

Using Phone Features

2.1 Using the Phone

2.2 Voice Call

2.3 Video Call

2.4 Smart Dial

2.5 Setting Up Bluetooth SIM Access for Car Kit Phones

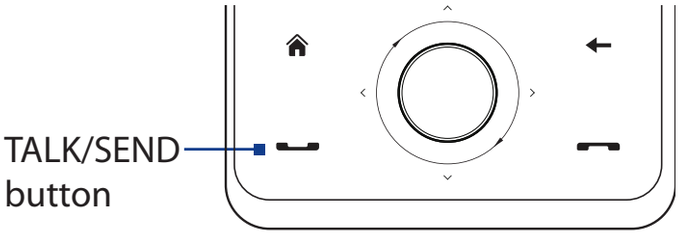
2.1 Using the Phone

Like a standard mobile phone, you can use your device to make, receive, and keep track of calls and send messages.

The Phone screen

To open the Phone screen, do one of the following:

- On the Home screen, tap **Phone**.
- Press the TALK/SEND button.



Enter your PIN

Most SIM cards are preset with a PIN (personal identification number) that is provided by your wireless service provider.

1. Enter the preset PIN assigned by your wireless service provider.
2. Tap **Enter**.

Note If you entered the wrong PIN three times, the SIM card will be blocked. If this happens, you can unblock it with the PUK (PIN Unblocking Key) obtained from your wireless service provider.

2.2 Voice Call

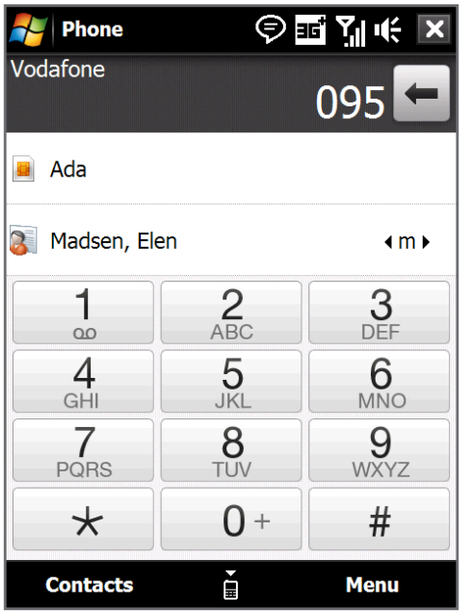
Make a call

To make a call from the Phone screen

1. On the Home screen, tap **Phone**.
2. Tap the keys on the keypad to enter the phone number.

   Tips If you tapped a wrong number, tap ← to erase each subsequent digit of a number. To erase the entire number, tap and hold ←.

   After dialling a number or answering a call, press the POWER button briefly to turn off the display. This will help prevent accidental screen presses during a phone call and also help to save battery power. To turn the display back on, press the POWER button briefly again.



3. Press the TALK/SEND button to place the call.

   Tip When in a call, use the VOLUME UP/DOWN buttons on the side of the device to adjust the phone volume.

Note After tapping 6 keys and the number you are dialling is not in your contacts, a **Save to Contacts?** button will appear above the keypad. Tap it to save the number to your Contacts.

To make a call from Contacts

On the Home screen, tap **Start > Contacts** to open the Contacts screen.

Do one of the following:

- Select the contact to call and then press TALK/SEND.

  Note If the contact has more than one number stored, press NAVIGATION Right/Left to select the number you want to call before pressing TALK/SEND.

- Tap the contact to open the contact details and then tap the phone number you want to call.
- Tap and hold the contact you want to call and then from the menu, select **Call Work**, **Call Home**, or **Call Mobile**.

To make a call from the TouchFLO 3D Home screen

Refer to Chapter 3 to learn how to make a call from the TouchFLO 3D Home screen.

To make an emergency call

Enter the international emergency number for your locale, and press the TALK/SEND button on your device.

Tip Additional emergency numbers may be included in your SIM card. Contact your wireless service provider for details.

To make an international call

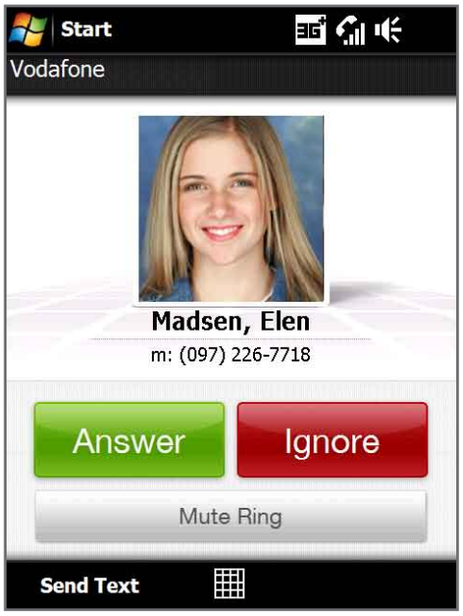
1. Tap and hold the number 0 key on the Phone screen until the plus (+) sign appears.
   The plus (+) sign replaces the international prefix of the country that you are calling.
2. Enter the full phone number you want to dial, and press the TALK/SEND button on your device. The full phone number includes the country code, area code (without the leading zero, if any), and phone number.

To call voice mail

Number 1 is generally reserved for your voice mail. Tap and hold this button on the Phone screen keypad to call voice mail and retrieve your voice mail messages.

Answer a call

When you receive a phone call, a message will appear, giving you the option to either answer or ignore the incoming call. The TALK/SEND button will also flash when you receive a call.





To answer or reject an incoming call

- To answer the call, tap **Answer**, or press the TALK/SEND button.
- To reject the call, tap **Ignore**, or press the END button.
- To mute the ringing sound without rejecting the call, tap **Mute Ring**.

Tips

- You can also place your phone face down on a table to mute the ring without rejecting the call.
- After dialling a number or answering a call, press the POWER button briefly to turn off the display. This will help prevent accidental screen presses during a phone call and also help to save battery power. To turn the display back on, press the POWER button briefly again.

To reject a call and send a text message

When you reject a call, you can choose to automatically send a text message to the mobile phone of the caller.

1. On the Phone screen, tap **Menu > Options > Advanced** tab.
2. Select the **Reject call with text message** check box.
3. Change the default text message if needed, then tap **OK**.

When **Reject call with text message** is enabled, tap **Send Text** to reject the call and send the text message to the caller.

To put a call on hold

Your device notifies you when you have another incoming call, and gives you the option of rejecting or accepting the call. If you are already on a call and accept the new call, you can choose to switch between the two callers, or set up a conference call between all three parties.

1. Tap **Answer** to take the second call, and put the first one on hold.
2. To end the second call and return to the first call, tap **End Call** or press END on your device.

To switch between two calls

During a call, tap 

.

To set up a conference call

1. Either put a call on hold, and dial a second number; or, accept a second incoming call when you already have one in progress.

   Tip To dial a second number, tap 

on the screen.

2. Tap 

.

Note Not all mobile phone networks support conference calling. Contact your wireless service provider for details.

To turn on and off the Speakerphone

During a call, tap 

to toggle between turning on or off the speakerphone. The speakerphone icon  appears in the title bar when the speakerphone is on.

Tip You can also press and hold TALK/SEND to toggle between turning on or off the speakerphone.

Warning! To avoid damage to your hearing, do not hold your device against your ear when the Speakerphone is turned on.

To mute the microphone during a call

Tap 

to toggle between turning on or off the microphone. When the microphone is turned off, the mute icon  appears on the screen.

To open Notes while in a call

Tap  or pull out the stylus.

To vibrate the device when the call is established

You can set the device to vibrate once to alert you that the call has been established with the other party.

1. On the Phone screen, tap **Menu > Options >Advanced** tab.
2. Select the **Vibrate device when connection is established** check box and then tap **OK**.

End a call

When a call is in progress, tap **End Call** or press the END button to hang up.

To add a new phone number to Contacts after a call

If the phone number of the person who called is not in Contacts, you can choose to save the number after you hang up.

1. On the Phone screen, tap **Menu > Options > Advanced** tab.
2. Select the **Add new phone number to Contacts at end of call** check box, then tap **OK**.

When you enable this option, a pop-up message appears after you end the phone call and lets you add the phone number to Contacts.

To check a missed call

You will see the  icon in the title bar when you missed a call. To check who the caller was, do one of the following:

- Tap the title bar, then tap  and then tap **View**.
- On the Phone screen, tap **Menu > Call History** and then tap  .

Call History

Use Call History to check for missed calls, dialled numbers, and calls received. To open the Call History screen, tap **Menu > Call History** on the Phone screen.

Speed Dial

Use **Speed Dial** to call frequently-used numbers with a single tap. For example, if you assign a contact to the location **2** in Speed Dial, you can tap and hold the **number 2** key on the Phone screen keypad to dial the contact's number.

To create a Speed Dial entry

1. On the Phone screen, tap **Menu > Speed Dial**.
2. Tap **Menu > New.**
3. Tap a contact, then select the phone number of the contact that you want assigned to the speed dial key.
4. In **Location**, select an available key to use as the speed dial key.
5. Tap **OK**.

Tips

- To create a Speed Dial entry from Contacts or SIM card contacts, tap the contact, select the number you want to add to Speed Dial, then tap **Menu > Add to Speed Dial**.
- To delete a Speed Dial entry, in the **Speed Dial** list, tap and hold the desired entry, then tap **Delete**.

Turn the phone function on and off

In many countries, you are required by law to turn off the phone while on board an aircraft.

To enable or disable the phone function

1. Tap **Start > Programs > Comm Manager**.
2. On the Comm Manager screen, tap the **Phone** button to enable or disable the phone function. When enabled, the ON indicator is activated.

To enable or disable Airplane Mode

Another way to turn off the phone function is to switch your device to **Airplane Mode**.

When you enable Airplane Mode, all wireless radios on your device are turned off, including the phone function, Bluetooth, and Wi-Fi.

When you disable Airplane Mode, the phone function is turned back on and the previous state of Bluetooth and Wi-Fi are restored.

1. Tap **Start > Programs > Comm Manage**r.
2. On the Comm Manager screen, tap the **Airplane Mode** button to enable or disable Airplane Mode. When enabled, the ON indicator is activated.

2.3 Video Call

Your device lets you make video calls when you are within a 3G network coverage area. You need to use a 3G-enabled SIM card to make video calls.

Make a video call

Do one of the following:

- On the Phone keypad, tap the phone number to call, then tap **Menu > Video Call** to start a video call.
- From Contacts, tap and hold the desired contact, and tap **Video Call**.
- From Call History, tap and hold the desired phone number or contact, and tap **Video Call**.

Note The other party's image will appear on the screen about 3 to 5 seconds after a connection is established, depending on the signal strength. The streaming images quality may also be influenced by the signal.

When the video call is unsuccessful, a message pops up asking you if you want to try again, make a voice call instead, or send an SMS/MMS message.

Answer a video call

To answer or reject an incoming video call

- To answer the video call, tap **Answer,** or press TALK/SEND on your device.
- To reject the video call, tap **Ignore**, or press END on your device.
- To mute the ringing sound without rejecting the call, tap **Mute Ring**.

When **Reject call with text message** is enabled in Phone settings, tap **Send Text** to reject the call and send the text message to the caller.

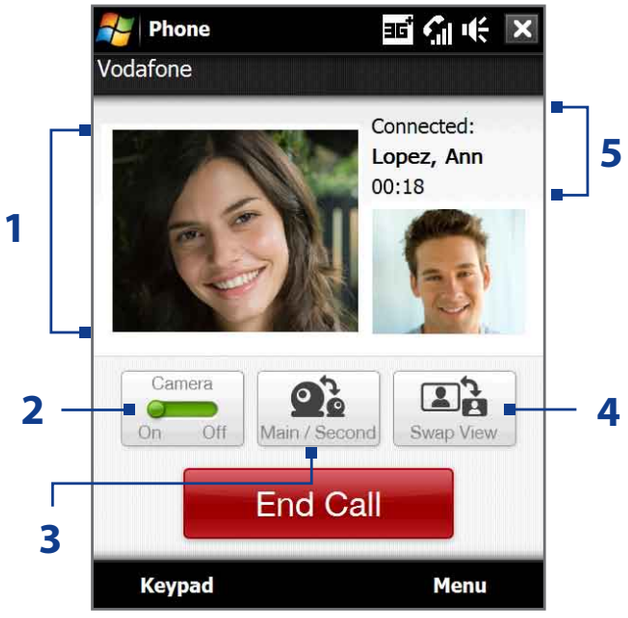
Tip You can also place your phone face down on a table to mute the ring without rejecting the call.

End a video call

Once a video call is in progress, tap **End Call** to hang up.

Change settings

While on a video call, you can change certain settings such as the size of the image, brightness of the video image, the camera to use, and more. The following shows the Video Call screen and control buttons during an ongoing call.



1 **Image display area**. Displays your image and the other party's image, depending on the selected Swap View setting.

2 **Camera**. Tap to toggle between turning on/off the camera. When the camera is turned off, the image displayed depends on the Video Call options you have set. See "Video call options" for details.

3 **Main/Second**. Tap to toggle between using the Main (back) and Second (front) camera.

4 **Swap View**. Tap to toggle between the two view options. You can choose to have the other party's image small or large.

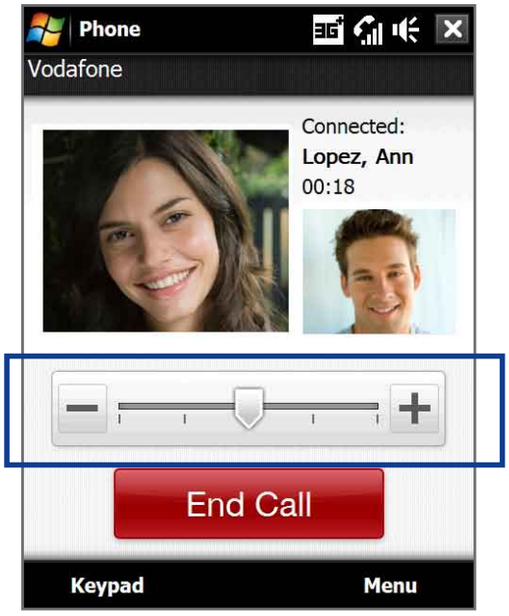
5 **Status area**. Displays the other party's phone number or contact name, and call timer.

Brightness

To adjust the brightness of the live image, press NAVIGATION Right to make it brighter or press NAVIGATION Left to make it less bright. When you press NAVIGATION Left or Right during a video call, a brightness bar appears on the screen.

Notes

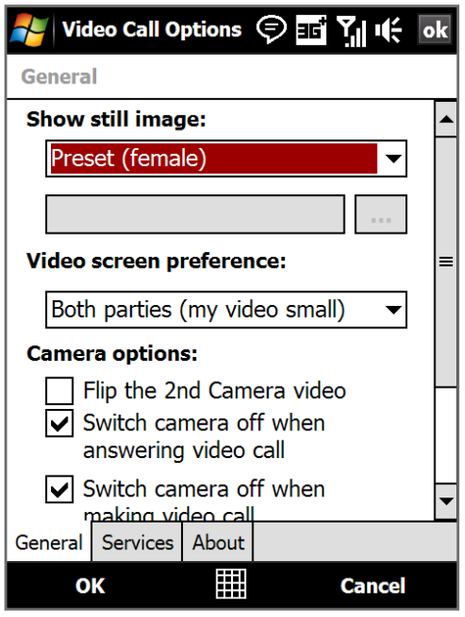
- You can also tap **Menu > Brightness** to adjust the brightness of the live image.
- You cannot adjust the brightness for a still image.



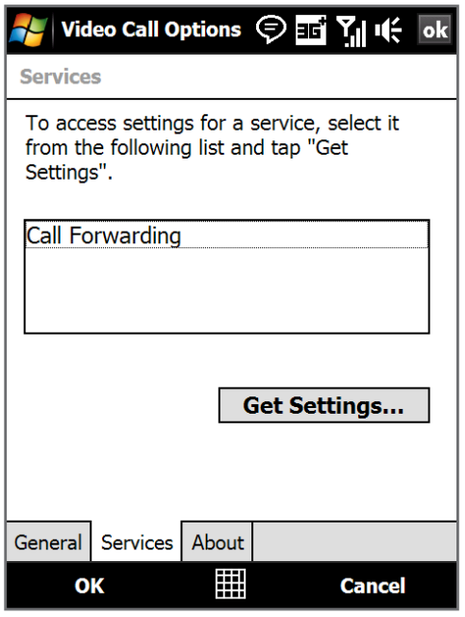
Brightness bar

Video call options

On the Phone screen, or on the screen of the ongoing video call, you can also tap **Menu** > **Video Call Options** and set the following options:



Video Call Options: General tab



Video Call Options: Services tab

General tab

- **Show still image**. Select the image you want to display when you turn off the camera.
  - **Preset (female)**. Displays a female picture in place of your image.
  - **Preset (male)**. Displays a male picture in place of your image.
  - **Custom image**. Lets you use an image file as your display picture. When this option is selected, the **File Name** box and the **Browse** button will be enabled, allowing you to select an image file.
  - **Last video frame**. Uses the last video frame before you stopped the camera as your display image.
- **Video screen preference**. Change how your image and the other party's image are displayed on the screen, select your preference from the **Video screen preference** list or tap the **View** button on the Video Call screen.
- **Camera options**:
  - **Flip the 2nd camera video**. Select this check box if you are going to show a text document to the other party using the second camera.
  - **Switch camera off when answering video call**. Select this check box to not send a video feed of yourself to the other party when answering a video call. Instead, the option you selected in **Show still image** will be displayed.
  - **Switch camera off when making video call**. Select this check box to not send a video feed of yourself to the other party when making a video call. Instead, the option you selected in **Show still image** will be displayed.
- **Display info**:
  - **Show call timer**. Select this check box to display the call period in the status area.
  - **Show phone number or name**. Select this check box to display the other party's phone number or name in the status area.

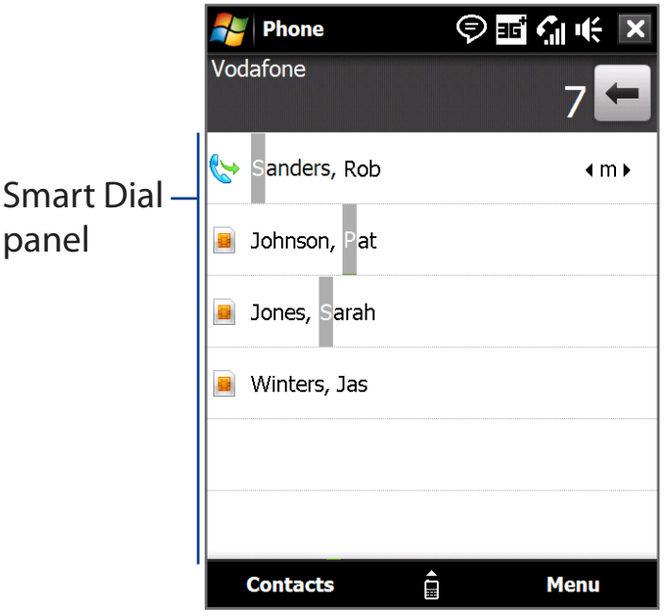
Services tab

To set up further calling options for Video Call, tap the **Services** tab. On the Services screen, select the desired service from the list, then tap **Get Settings** to access its settings.

2.4 Smart Dial

Smart Dial makes it easy for you to dial a phone number.

When you start entering a phone number or contact name, Smart Dial automatically searches and sorts the contact entries on the SIM card, in Contacts, and the phone numbers in Call History (including incoming, outgoing, and missed calls). You can then select the desired number or contact from the filtered list to dial.



To find a contact name or number

You can just enter the first letter of the name or number of a contact. Smart Dial will search for contact phone numbers and the first character of a contact name as well as from the character that appears after a space, dash, or underscore in a contact name. For example, if you tap number "2" on the phone keypad, which is associated with [a, b, and c] on the Phone keypad, contact names such as the following will be considered matches: "**B**en Miller", "George **A**dams", "John-**C**arter", "**C**arter, Ellen", "Dixon, **A**llan", "Thomas_**C**lark", "Jane**C**ampbell".

If the matching list is long and you want to narrow down the search further, enter another letter. Using the same example above, if you continue to tap "3" which is associated with [d, e, f], the matching list will be narrowed down to the following names: "**Be**n Miller", "George **Ad**ams", "**C**arter, **E**llen", "**D**ixon, **A**llan".

Make a call or send a text message using Smart Dial

1. On the Home screen, tap **Phone**.
2. Begin entering the first few numbers or characters.

   When you start entering a number or letter, the Smart Dial panel will display matches found.

   Tip Tap  to close the phone keypad to see if there are more matching contacts.
3. In the Smart Dial panel, flick and slide your finger on the touch screen or press NAVIGATION Up/Down to browse the list or select a contact.
4. You can do one of the following:
   - Tap the contact to call the selected contact.
   - To send a text message to the selected contact, tap **Menu > Send Text Message**.
   - To call a different phone number associated with the selected contact, select the contact and then press NAVIGATION Left/Right to select the number to call.

2.5 Setting Up Bluetooth SIM Access for Car Kit Phones

Bluetooth car kits that support the SIM Access Profile (SAP) can connect to your device and access its SIM card via Bluetooth. Once a SAP connection has been established, you can download SIM contacts from your device to the car kit phone. You can also use the car kit phone to answer and make calls using your device's SIM card.

Note To enable downloading contacts onto the car kit, ensure that all contacts on the device are stored in the SIM card and not in the device memory. Configure the car kit to download contacts only from the SIM card.

1. On your device, make sure that Bluetooth is turned on and set to visible mode. For information about turning on Bluetooth and enabling visible mode, see "Bluetooth Modes" in Chapter 9.
2. On the Home screen, slide to the **Settings** tab and then tap **Menu > Bluetooth Devices > SIM Access** tab.
3. Select the **Remote SIM Access** check box, then tap **OK**.
4. Connect the car kit phone to your device via Bluetooth. To learn how to connect, consult your car kit phone's manual.
5. If this is the first time you are pairing the car kit phone with your device, enter the car kit's passcode on your device.
6. A pop-up message should appear on your device saying that a connection has been established between your device and car kit phone. Tap **OK**.
7. On the **Bluetooth** screen, tap the **SIM Access** tab, then tap **Connect**.

Note You will not be able to make/receive calls, send/receive messages or perform related activities on your device when the SIM Access Profile connection is active. You'll be able to do all these from the car kit phone during this time. After the connection is disconnected, you will be able to use your device as before.

Chapter 3

TouchFLO™ 3D

3.1 About TouchFLO™ 3D

3.2 Using the TouchFLO 3D Home Screen

3.3 Finger Gestures

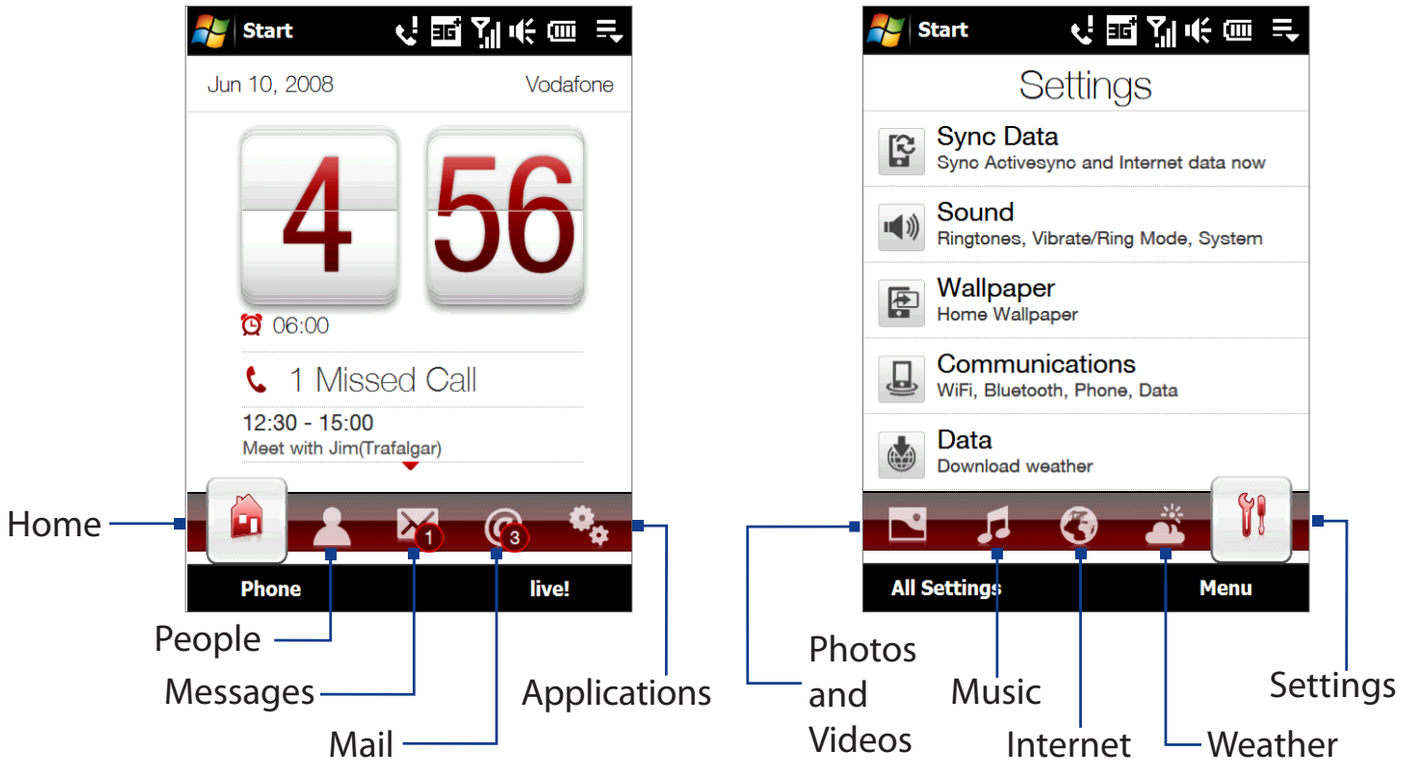
3.1 About TouchFLO™ 3D

TouchFLO™ 3D gives you touch control over your Windows Mobile-powered device. TouchFLO 3D provides the following features:

- A Home screen that allows finger-touch access to the most widely-used functions, such as People, Messages, Mail, Music, Internet, and more
- Allows you to use finger gestures to navigate screens

3.2 Using the TouchFLO 3D Home Screen

The TouchFLO 3D Home screen have the following tabs:

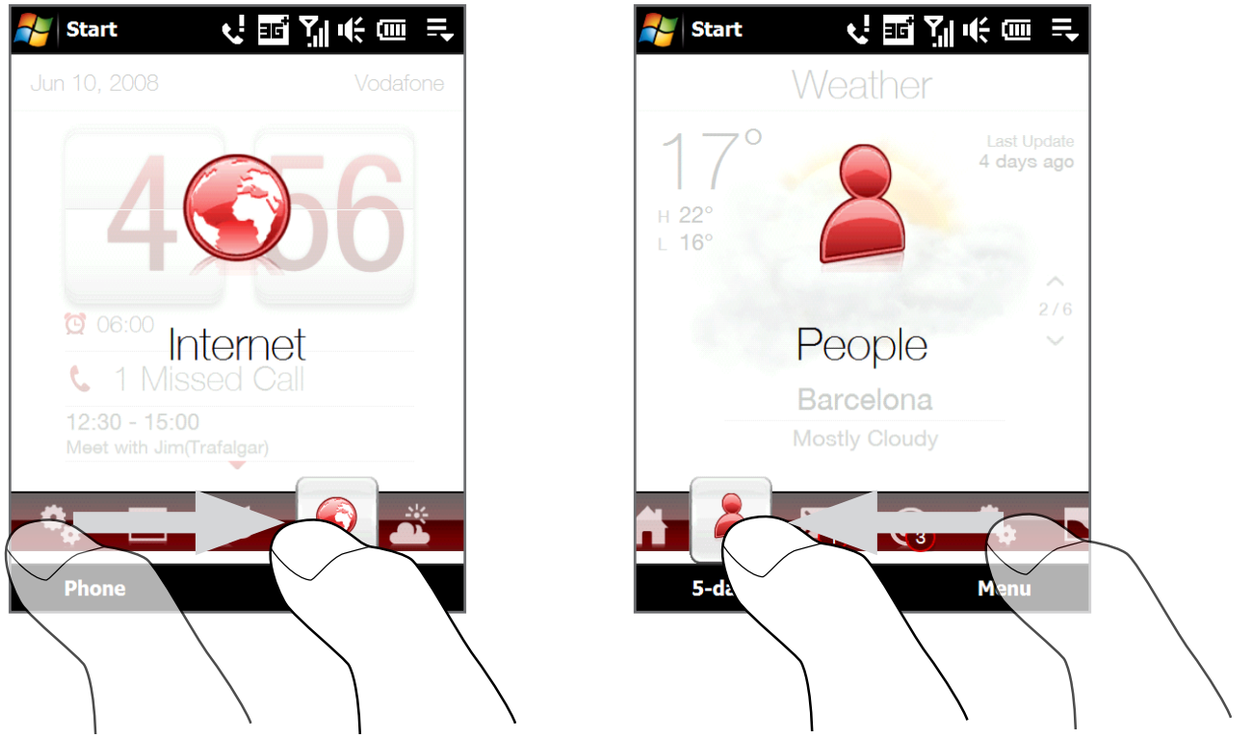


To switch between the tabs of the Home screen

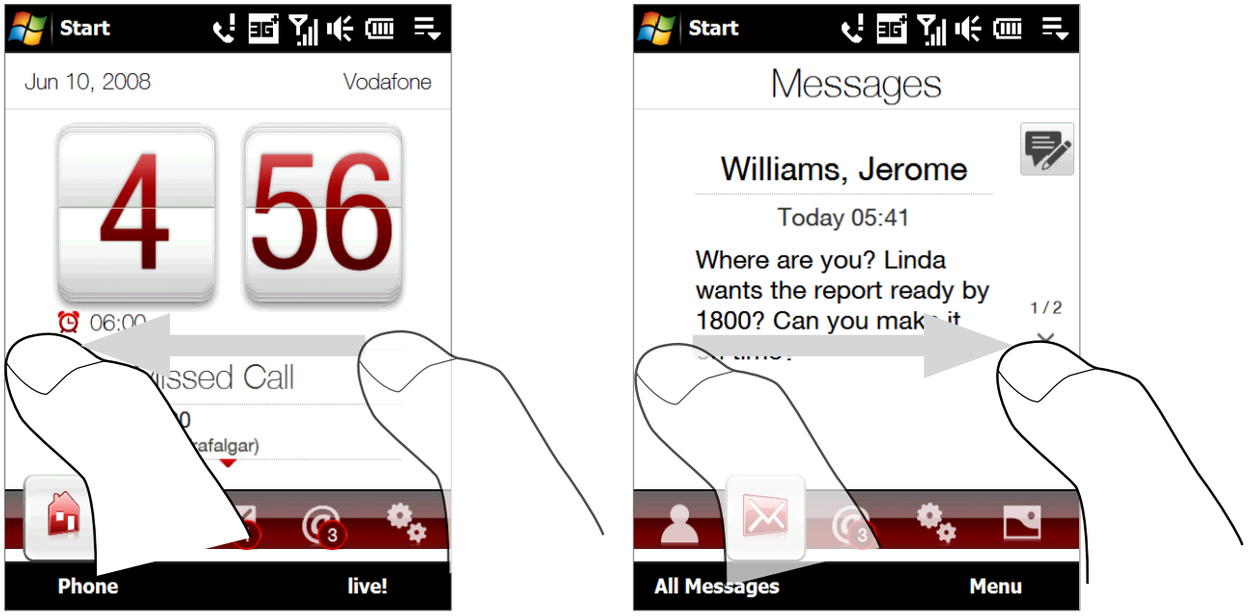
Do one of the following:

- Touch or tap the desired tab on the Home screen.
- Press NAVIGATION Right or Left to move to the next or previous tab.
- Press and hold your finger on the active tab, then slide your finger right or left over the tabs. Release when you have selected the desired tab.

Note Apply some pressure when pressing and holding on the active tab to be able to slide over the tabs.



- Swipe left across the screen to move to the next tab, and swipe right across the screen to move to the previous tab.



Home

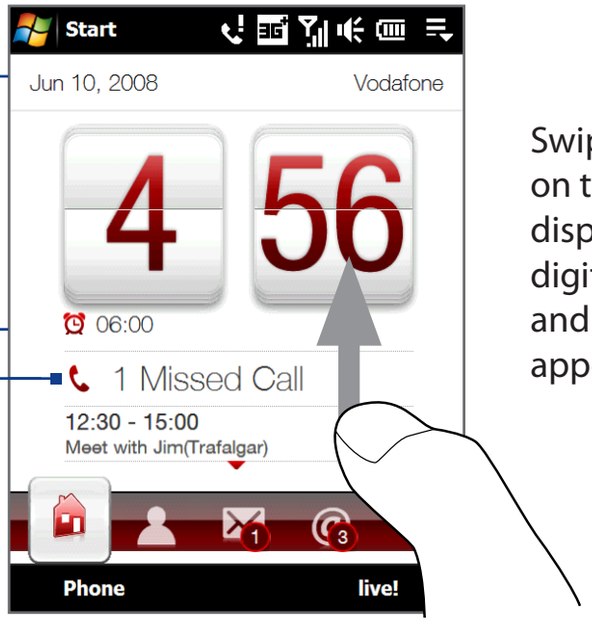
The **Home** tab displays the current date, a flip-style clock, and an **Alarm** icon that indicates whether the alarm is on or off. Missed calls and your upcoming calendar appointments are also shown on the Home tab.

To select an item on the Home tab

- Touch the item; or
- Press NAVIGATION Up or Down first to navigate to the item you want to select and then press ENTER.

Touch the date or the flip clock to open the Clock & Alarms screen where you can set the date, time, and alarm. See Chapter 13 for details.

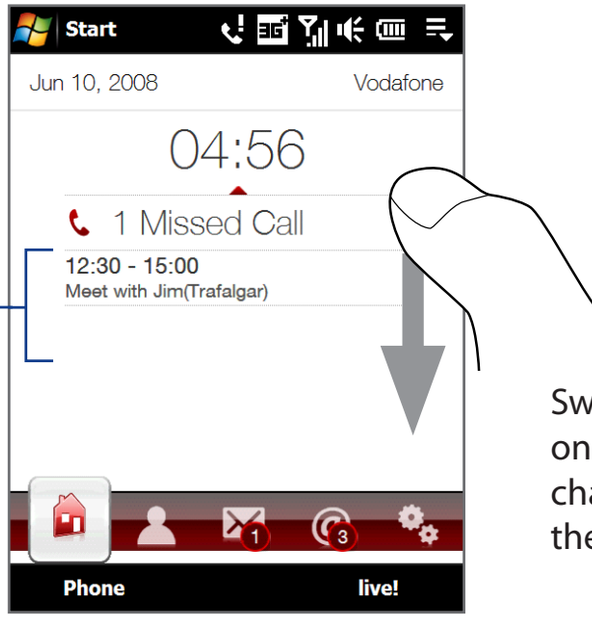
Touch this area to view details about missed calls in the Call History. See Chapter 2 for details.



Swipe upward on the screen to display the smaller digital clock and view more appointments.

Home tab with flip clock

One all-day appointment and up to two timed appointments can be displayed. Touch this area to create, edit or view an appointment.
See "Calendar" in Chapter 12 for details.



Swipe downward on the screen to change back to the flip clock.

Home tab with smaller digital clock

People

On the **People** tab, you can add favourite contacts who you most frequently communicate with. This allows you to quickly make calls, send text messages, and send emails to your favourite contacts.

Note You can add up to 15 favourite contacts on the **People** tab.

To add favourite contacts

You should already have created or synchronised contacts on your device before you can add them to the **People** tab.

1. On the Home screen, slide your finger to the **People** tab.
2. Touch the big **Plus** (+) icon, or touch **Add Favorite**.
3. On the Select a Contact screen, touch the name of the desired contact.

   Tips
   - To create a new contact, touch **Menu > New Contact**. See "Contacts" in Chapter 12 for details.
   - SIM contacts cannot be added as favourite contacts.



4. Select a phone number or email address to associate to the favourite contact.

   Note If there is no picture associated with the contact, the next screen prompts you to assign a picture to the contact.

5. To add another favourite contact, touch the small **Plus** icon (+) at the right side of the screen and repeat steps 3 and 4.

To choose from your favourite contacts

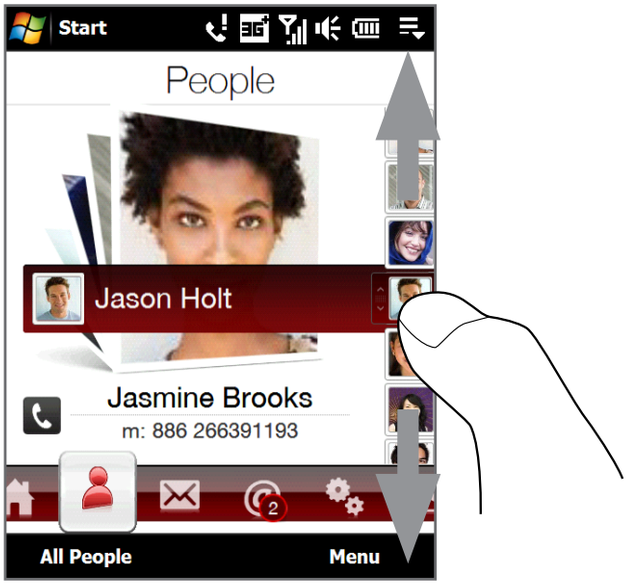
- Do any of the following:

  To flip through the contact pictures one at a time, swipe your finger up or down the screen. You can also press NAVIGATION Up or Down to flip through the contact pictures.



  On the picture strip at the right side of the People screen:

  - Touch the picture of the desired favourite contact; or
  - Press and hold on the currently selected contact picture to display a slide-out bar, and then slide up or down the picture strip. Release your finger when the desired favourite contact is selected.



- After selecting a favorite contact, touch the icon on the left side of the contact name. The icon shown will depend on the contact information chosen for the contact. For example, () will be shown if a phone number is selected.

- Touch the picture of the contact on the screen to access his or her contact card. On the contact card, you will see the last outgoing or incoming call as well as detailed information such as phone numbers, email address, and more.

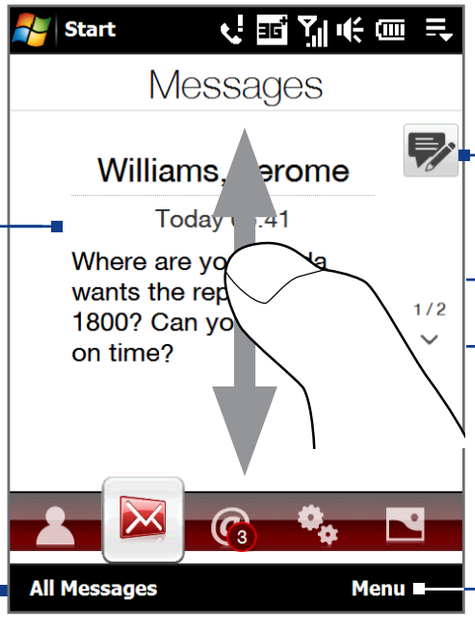
Tips

- On the People tab, touch **All People** to access SIM contacts and all contacts that are stored on your device.
- To remove the current favourite contact, touch **Menu > Remove Favorite**.

Messages

On the **Messages** tab, you can read SMS text messages as they arrive and create a new SMS text message. You can also view the text of received MMS messages on this tab.

When there are new incoming SMS/MMS messages, the icon on the **Messages** tab will show the number of new messages. For example,  indicates that a new text message has been received.



Touch this icon to create a new SMS message.

To view the entire message thread from the sender and reply, touch the message on the screen.

To flip through received SMS/MMS messages, swipe your finger upward/downward, touch the Up/Down arrow on the screen, or press NAVIGATION Up/Down.

Touch **All Messages** to access all text messages in your inbox and other folders.

Touch **Menu** to remove the current message and access more options.

For more information about working with SMS and MMS messages, see "Text Messages" and "MMS" in Chapter 6.

Mail

The **Mail** tab is where you send and receive email messages. Including Outlook E-mail, you can add up to four POP3/IMAP4 and web-based email accounts on this tab.

To add an email account

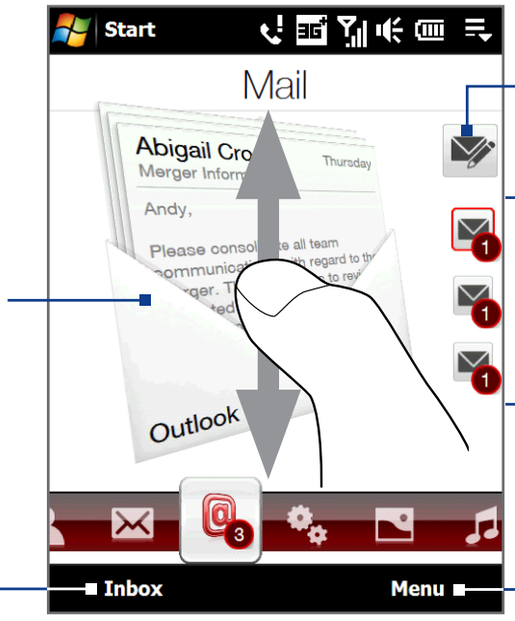
1. On the Home screen, slide your finger to the **Mail** tab.
2. If this is your first time to add an email account, touch **New Account** on the bottom-right side of the screen.
3. Set up your email account using the E-mail Setup wizard.
4. To add another email account, touch **Menu > Accounts > New Account** and use the E-mail Setup wizard to set up your account.

   For detailed instructions on setting up email accounts using the E-mail Setup wizard, see Chapter 6.

To check emails

When there are new emails, the icon on the **Mail** tab and the respective icons of the email accounts will show the number of newly received messages.

- To browse through received emails, swipe up or down on the envelope image or press NAVIGATION Up/Down.
- Touch the email on the screen to open and read the message.



After selecting an email account, touch this icon to create and send a new email message.

These are your email accounts. Touch an icon to select an email account and view the new emails received in that account.

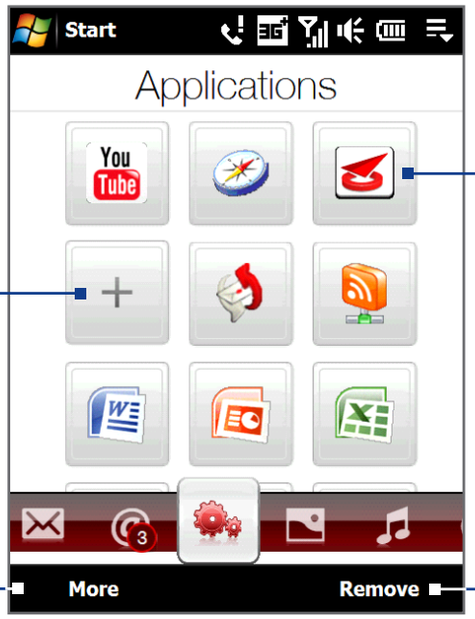
Touch **Inbox** to access all email messages of the currently selected account.

Touch **Menu** to access more options.

For more information about working with emails, see Chapter 6 and 7.

Applications

The **Applications** tab allows you to add your favourite programs for one-touch access.



Touch a program icon to open the corresponding program.

Touch an empty slot to add a favourite program.

Touch **More** to access all the programs of your device.

Touch **Remove** to choose which program to remove from the **Applications** tab.

When you have filled up the screen with programs, scroll down the **Applications** tab to access more empty slots and add more programs. To scroll down, press and hold on the screen and then drag your finger upward. You can add up to 18 favourite programs.

To scroll back up, press and hold on the screen and then drag your finger downward.

Note To replace a slot with another program, you must delete the occupying program shortcut first and then add your desired program.

Photos and Videos

The **Photos and Videos** tab lets you visually flip through your photos and video clips and view them in full screen. On this tab, you can also activate the Camera so you can take pictures and record video clips.

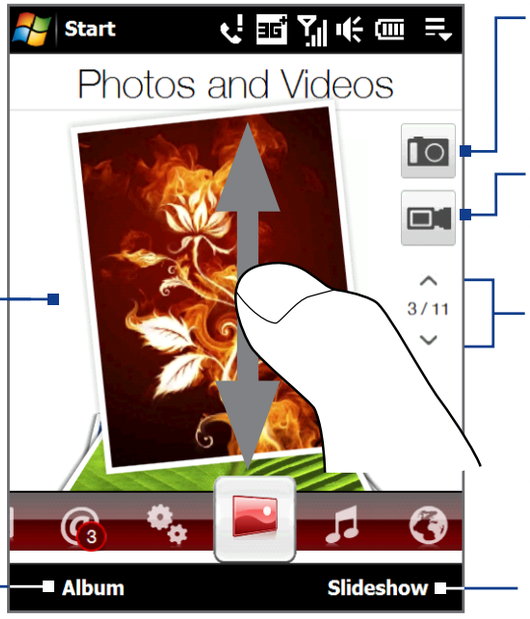
The **Photos and Videos** tab displays pictures and video files from the current favourite album. By default, the Camera Shots album that stores the pictures and videos that you captured using the device camera is set as the favourite. You can change to another favourite album, if preferred.

Note You can add up to 99 photos/video clips on the **Photos and Videos** tab.

To set an album as a favourite

1. On the Photos and Videos tab, touch **Album** to open the Album program.
2. Touch **Albums** and then select one of the listed favourite albums.
3. Tap **Menu** > **Set as Favorite** and then tap **OK** on the confirmation screen.

To view photos and videos



Touch the photo or video on the screen to view or play it in full screen.

Touch here to open the Album program. (See "Viewing Photos and Videos Using Album" in Chapter 11 for details.)

Touch here to take a photo.

Touch here to shoot video.

To flip through photos and videos, swipe upward/downward, touch the Up/Down arrow, or press NAVIGATION Up/Down.

Touch **Slideshow** to view the photos as a slideshow. If a video is selected, touch **Play**.

Tips

- For more information about viewing in full screen, see "View an image" and "Play back video" in Chapter 11. The file formats that can be viewed on the **Photos and Videos** tab are the same as the Album program.
- To transfer media files from a computer and view them on the **Photos and Videos** tab, copy or synchronise them to a folder under **\My Device** (the device memory) or **\Storage Card** (if a microSD card is installed).

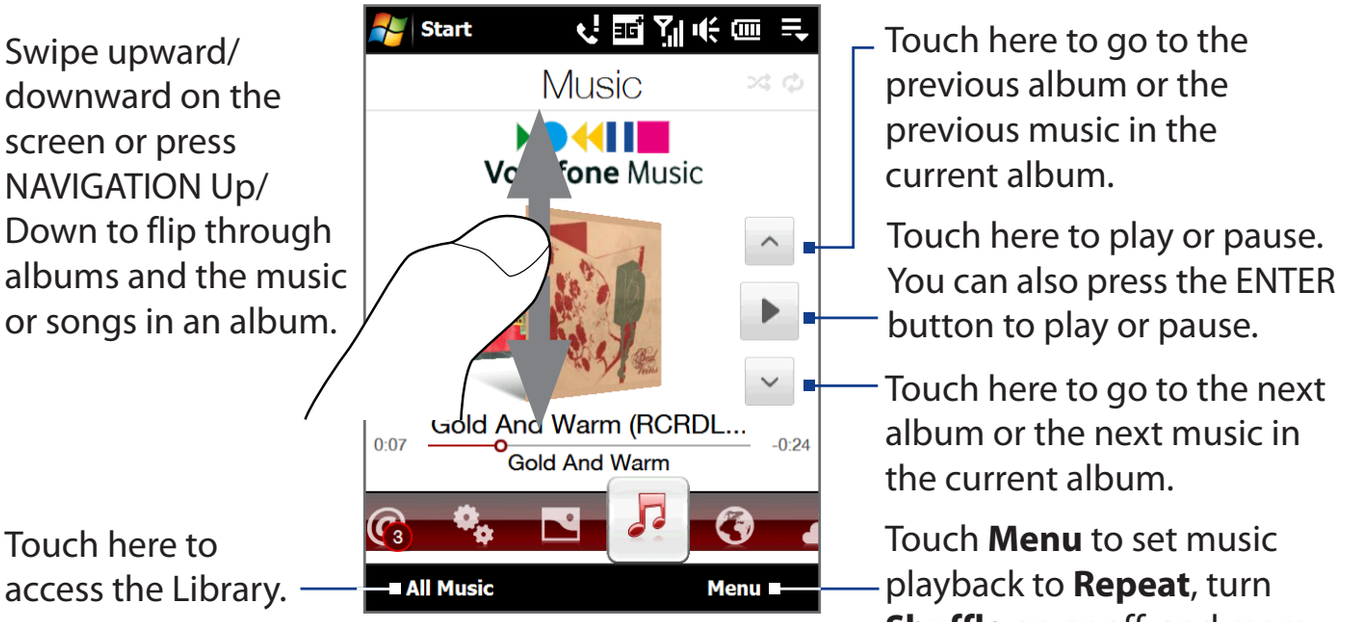
Music

The **Music** tab allows you to visually browse through albums and music tracks and play music. The albums and music tracks that you see on the **Music** tab are from the **Now Playing** list of the Library.

Note Your device searches for all music files that have the following audio formats: AMR-NB/WB (.awb), MP3 (.mp3), WMA (.wma), AAC/AAC+/eAAC+ (.aac), and MPEG-4 (.m4a). It searches for music from the following locations:
Device: \My Music (including all subfolders)
\My Documents (including all subfolders)
Storage: \Storage Card (including all subfolders)

To play music

On the **Music** tab, flip through albums and all the music in each album, then touch the **Play** icon on the middle-right side of the screen to start playback.


Swipe upward/ downward on the screen or press NAVIGATION Up/ Down to flip through albums and the music or songs in an album.
Touch here to access the Library.
Start
Music
Gold And Warm (RCRDL...
0:07
-0:24
Gold And Warm
All Music
Menu
Touch here to go to the previous album or the previous music in the current album.
Touch here to play or pause. You can also press the ENTER button to play or pause.
Touch here to go to the next album or the next music in the current album.
Touch **Menu** to set music playback to **Repeat**, turn **Shuffle** on or off, and more.

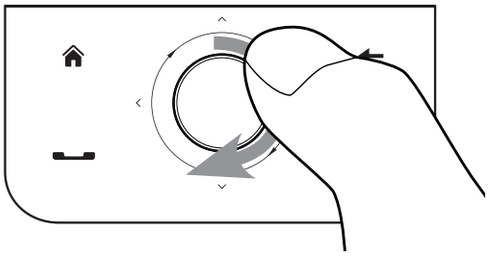
To advance forward or backward in the music

Do one of the following:

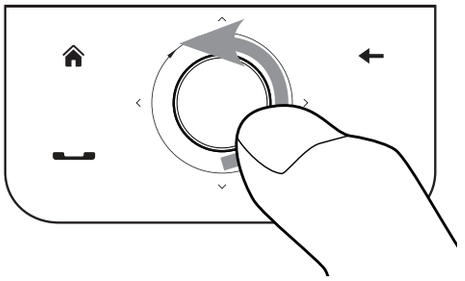
- Touch and hold on the thin bar below the album art to display the progress bar: 

  Drag your finger right or left on the progress bar to move forward or backward in the current music.

- Slide your finger around the Navigation Control as follows:



Slide your finger clockwise to advance forward in the music.



To move backward in the music, slide your finger anti-clockwise.

To set repeat and shuffle modes

Touch **Menu > Repeat** and choose whether to repeat once, repeat all, or do not repeat. To toggle shuffle mode on and off, touch **Menu > Shuffle** and then select **Shuffle On** or **Shuffle Off**.

The icons on the upper-right side of the **Music** tab show whether repeat and shuffle modes are enabled.

 Repeat [One]

 Repeat [All]

 Shuffle [On]

To browse and play music in the Library

The Library organises music into categories, such as **Now Playing**, **Artists**, **Albums**, **Genres**, **All Songs**, and more. When you add more albums or music tracks to your device, go to the Library to locate and play the new albums or music tracks.

1. On the **Music** tab, touch **All Music** to open the Library screen.

2. The tabs at the bottom of the Library screen correspond to the different categories. To browse music under a certain category, slide to the tab that corresponds to the desired category.
3. Tap a music track to play it.

Note When you select a category in the Library such as Artists and play its music, the Now Playing list will be replaced with the music tracks from that category.

To use playlists

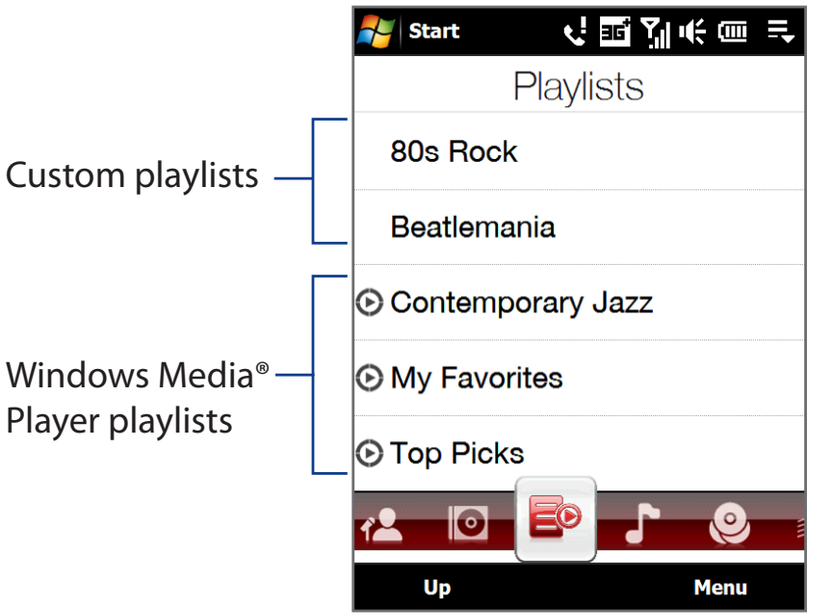
You can group your favourite music into a playlist and then play back the playlist.

- To create a new playlist:
  1. Select the desired music on the **Music** tab or the **Library**.
  2. Touch **Menu** > **Add to Playlist**.
  3. Touch **<New Playlist>**, enter a **Playlist name** and then touch **OK**.
- To add more music files to a playlist:
  1. On the **Playlists** tab, touch a playlist to open it.
  2. Touch **Menu** > **Edit**.
  3. Touch **Menu** > **Add**.
  4. Select the check boxes of the music you want to add to the playlist, or touch **Menu** > **Select All** to choose all the music.
  5. Touch **OK** three times and then touch **Up** to return to the **Playlists** tab.
- To play back a playlist:
  1. On the **Playlists** tab, touch a playlist to open it.
  2. Touch the first song in the playlist. The **Music** tab starts playing the first song. After each song, the next one in the playlist will be played.

  Note Playlists are not automatically updated when music files have been deleted from the device memory or storage card.

There are two types of playlists that can be shown on the **Playlists** tab:

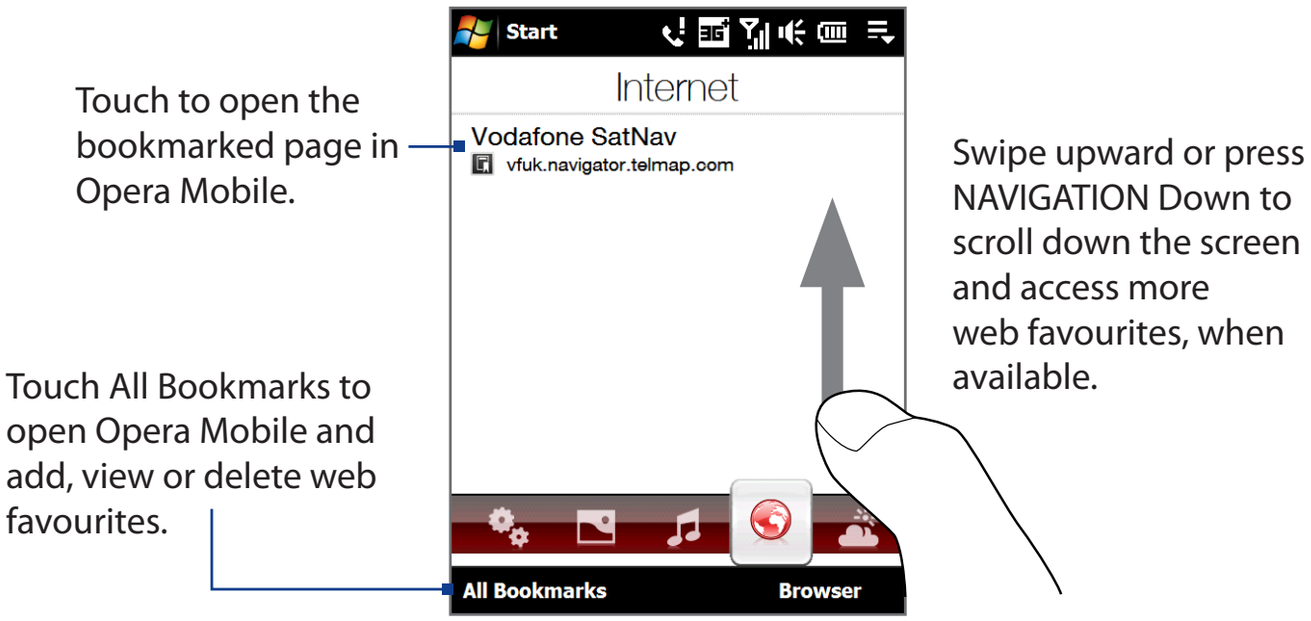
- **Custom playlists**. Playlists that are created in the **Music** tab.
- **Windows Media® Player playlists**. Playlists that are in Windows Media® Player Mobile's Library (which is synchronised with Windows Media® Player on your computer). They are indicated by the Windows Media® Player icon ( ). These playlists cannot be edited.



Note If a Windows Media® Player playlist contains a combination of music, video and image files, only music files in the playlist will be synchronised to your device and other media types will be filtered out.

Internet

On the **Internet** tab, you can open Opera Mobile™ to browse the web and add web favourites for one-touch access to your favourite web sites.


Start
Internet
Vodafone SatNav
vfuk.navigator.telmap.com
All Bookmarks
Browser
Touch to open the bookmarked page in Opera Mobile.
Touch All Bookmarks to open Opera Mobile and add, view or delete web favourites.
Swipe upward or press NAVIGATION Down to scroll down the screen and access more web favourites, when available.

For more information about using Opera Mobile, see Chapter 8.

Note You can add up to 25 web favourites on the **Internet** tab.

Weather

The **Weather** tab shows you the current weather as well as weather information for the next five days of the week.

To add a city

The **Weather** tab can display weather information of your local city and other added cities. Follow the steps below to add a city on this tab.

Tip You can add up to 10 cities on the Weather tab.

1. On the **Weather** tab, touch **Menu > Add Location**.
2. The Select Country screen appears.

Flick your finger on the screen or use the Quick Scroll bar on the right of the screen to choose the country. Slowly scroll through the country list by dragging your finger upward on the screen. Touch the desired country to select it.

3. The Select City screen then appears. Flick your finger on the screen or use the Quick Scroll bar on the right of the screen to choose the city. You can also slowly scroll through the city list by dragging your finger upward on the screen. Touch the desired city to select it.

To view weather information

Your device automatically connects to the Internet via the 3G/GPRS/EDGE data connection or Wi-Fi to download and display weather information. The current temperature, temperature range, type of weather (sunny, cloudy, showers, or others), and the time of day (daytime or nighttime) are shown on the **Weather** tab. To see the weather information for the next five days of the week, touch **5-day** at the bottom-left side of the screen.



Shows the last weather update. Touch this item to download the latest weather information.

To switch between cities, swipe your finger upward/downward, touch the Up/Down arrow on the screen, or press NAVIGATION Up/Down.

Touch **Menu** to add or delete a city, change the temperature to Celsius or Fahrenheit, and more.

Touch to see the weather information for the next five days of the week.

To choose download options

1. On the **Weather** tab, touch **Menu > Settings**.

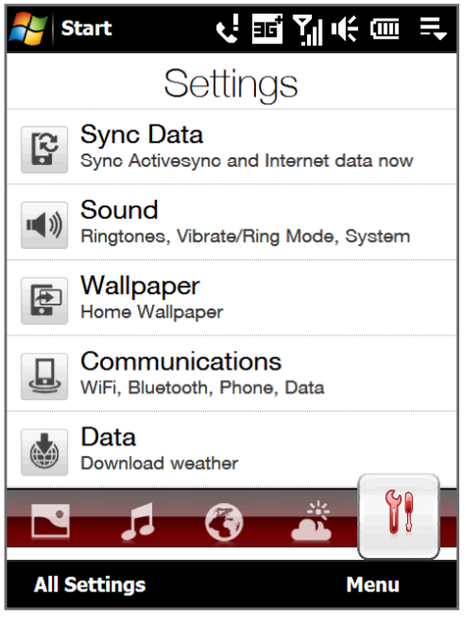
   Tip You can also slide to the **Settings** tab and then touch **Data**.

2. You can choose from the following options:

   - **Download weather automatically**. When this option is selected, weather information is automatically downloaded from the AccuWeather web site whenever you select the **Weather** tab, if the data has not been updated within the last three hours. Weather data is also downloaded every time an ActiveSync connection is established (through over-the-air or USB connections).
     Clear this option if you prefer to manually download weather information.
   - **Download weather when roaming**. Select this option only if you want to allow automatic download of weather data when roaming. This may incur additional costs.

Settings

The **Settings** tab allows you to synchronise information with your computer or the Exchange Server, change sound settings such as the ring tone, and choose a different wallpaper for the **Home** tab. You can also easily turn on and off the communications features of your device such as Wi-Fi, Bluetooth, and more.

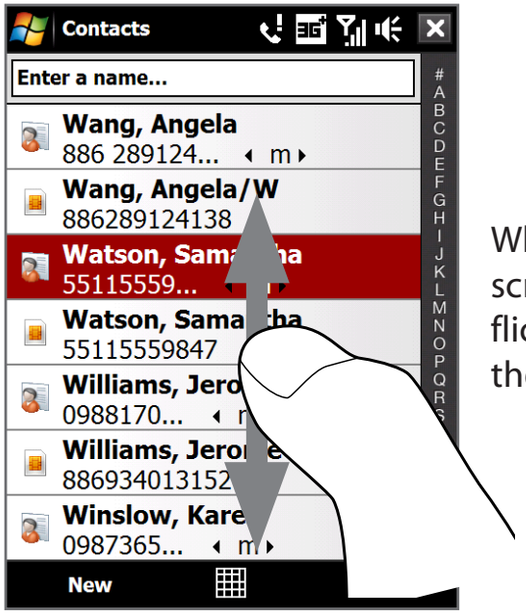


3.3 Finger Gestures

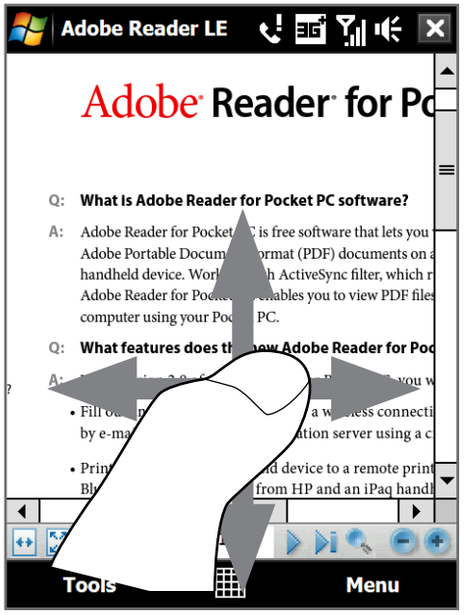
You can use finger gestures to scroll, zoom and pan on the touch screen.

Finger scrolling

Finger scrolling can be used to scroll up and down web pages, documents, and lists such as the contacts list, file list, message list, calendar appointments list, and more.



When finger scrolling, swipe or flick your finger on the touch screen.



To scroll up and down

- To scroll down, swipe your finger upward on the touch screen.
  To scroll up, swipe your finger downward on the touch screen.
- To auto-scroll, flick your finger upward or downward on the touch screen. Touch the screen to stop scrolling.

To scroll left and right

- To scroll towards the right, swipe your finger to the left.
  To scroll towards the left, swipe your finger to the right.
- To auto-scroll, flick your finger left or right. Touch the screen to stop scrolling.

Finger zooming

The type of finger gesture to use when zooming varies in different programs.

- To zoom in on a web page in Opera Mobile, tap your finger twice on the screen. See “Using Opera Mobile” in Chapter 8 for details.
- To zoom in on a photo in Album, make a full-circle swipe on the touch screen. See “Viewing Photos and Videos Using Album” in Chapter 11 for details.

Finger panning

You can use finger panning to move to and view other parts of a zoomed photo, web page, document, or an email. To pan, touch and hold on the touch screen and then drag your finger in any direction.



Tip To enable or mute finger scrolling and panning sound, touch **Start > Settings > System** tab **> TouchFLO**, and then select or clear the **Enable sound when finger scrolling and panning** check box.

Chapter 4

Entering Text

4.1 Entering Information

4.2 Using the Hardware Keyboard

4.3 Using the Full QWERTY

4.4 Using the Compact QWERTY

4.5 Using the Phone Keypad

4.6 Using Multitap and T9 Modes

4.7 Using Numeric and Symbol Mode

4.8 Using Block Recognizer

4.9 Using Letter Recognizer

4.10 Using Transcriber

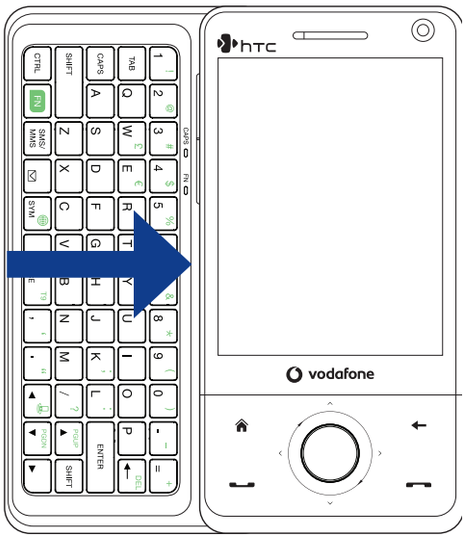
4.1 Entering Information

When you start a program or select a field that requires text or numbers, you can either use the QWERTY keyboard or one of the on-screen input methods to enter information.

QWERTY keyboard

Your device comes with a QWERTY keyboard, which is similar to a standard keyboard on your PC.

To use the keyboard, slide the screen panel to the right to reveal the keyboard. The screen orientation automatically switches to landscape mode when the keyboard is opened.



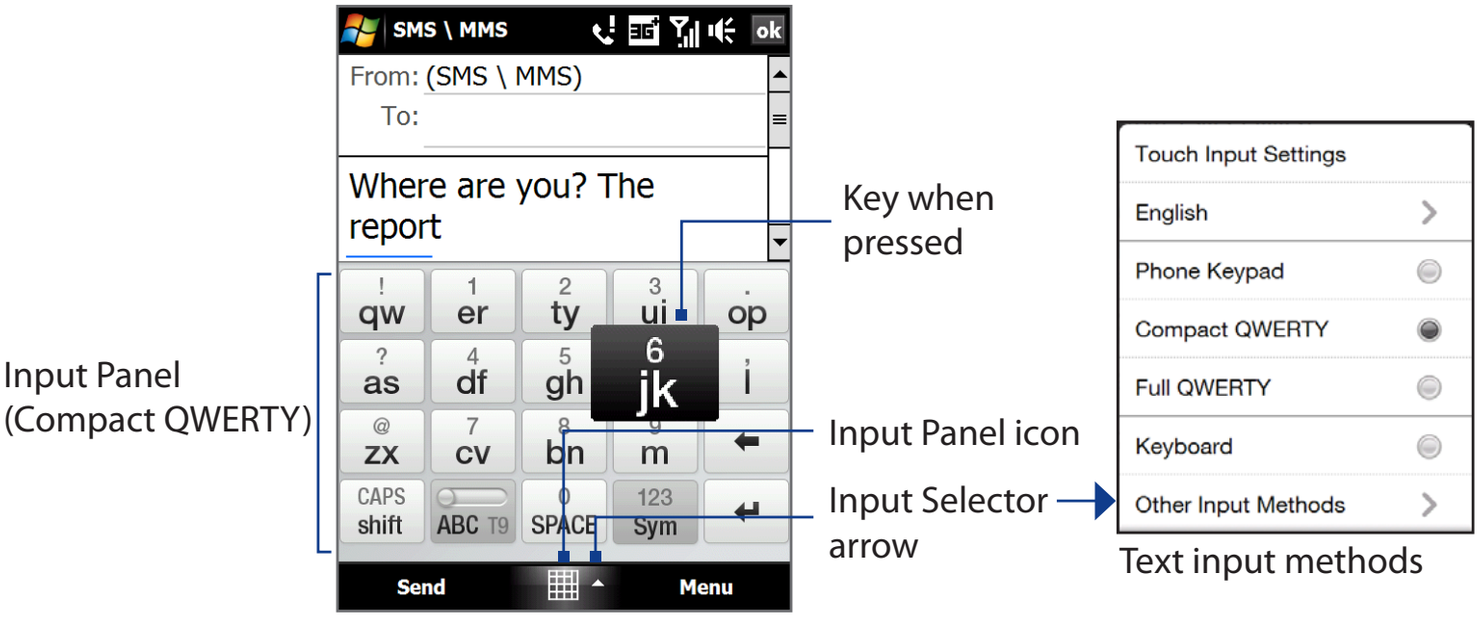
On-screen input methods

When you start a program or select a field that requires text or numbers, the **Input Panel** icon becomes available on the menu bar.

Tap the **Input Selector** arrow (that appears next to the **Input Panel** icon) to open a menu where you can select a text input method and customise input options. After selecting a text input method, the corresponding **Input Panel** is displayed, which you can use to enter text.

Tip Select **Other Input Methods** to display more input methods.

To show or hide the Input Panel, tap the **Input Panel** icon.

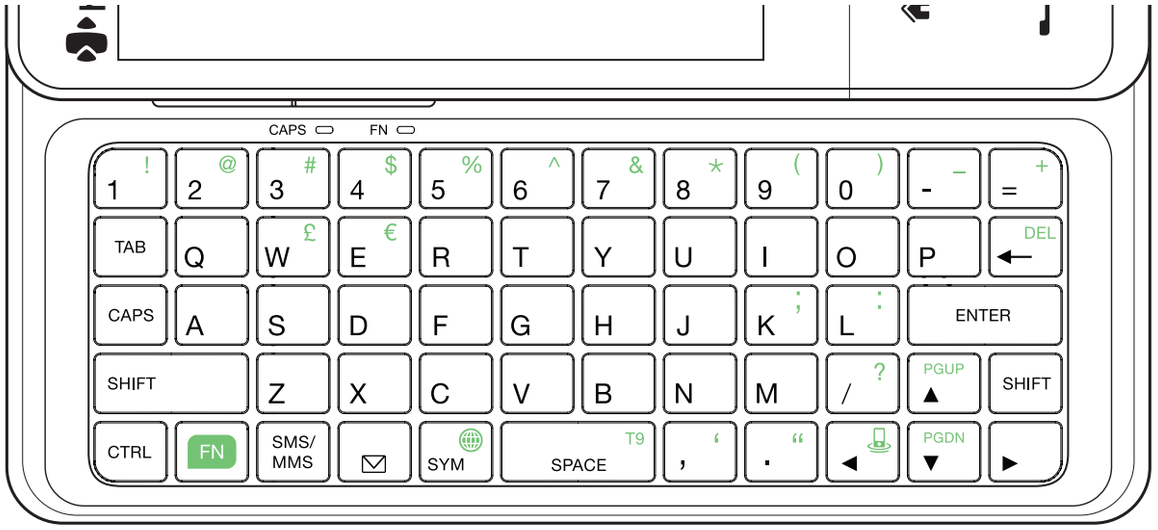


Icon	Input method	Icon	Input method
	Full QWERTY		Letter Recognizer or Block Recognizer
	Compact QWERTY		Transcriber
	Phone Keypad		Keyboard

Notes

- Some text input methods may not be available in certain language versions of the device.
- When in landscape mode, the **Compact QWERTY** and **Phone Keypad** are not available.

4.2 Using the Hardware Keyboard



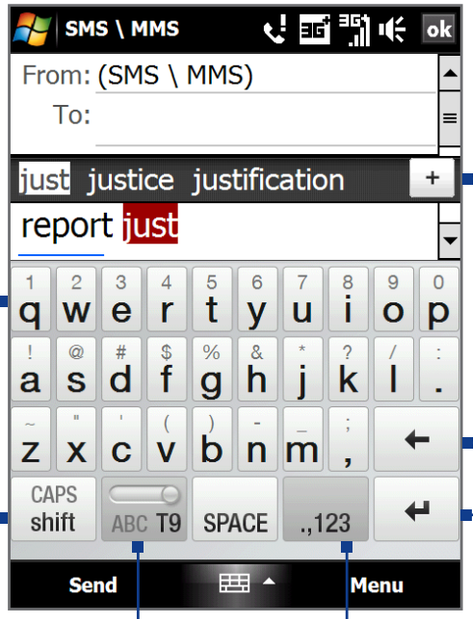
You can do the following with the hardware keyboard:

- To type lowercase letters and numbers, press the keys using your thumbs or other fingers.
- To use all uppercase letters, press CAPS. To change back to all lowercase letters, press CAPS again.
- To use a single uppercase letter, press SHIFT and then press the corresponding key.
- To enter the symbol or punctuation mark, or launch the program that is printed at the upper right corner of a key, press FN, then press the corresponding key.
- To open the Symbol Pad, press SYM.
- Press ENTER to insert a hard return while typing.
- Press the arrow keys ◄ / ► / PGUP ▲ / PGDN ▼ for directional movement.
- Press ✉ to open the Messaging program.
- Press SMS/ MMS to open your SMS/MMS messaging account.
- Press and hold FN, then press T9 SPACE to open the T9 menu.

4.3 Using the Full QWERTY

The **Full QWERTY** is a full on-screen QWERTY keyboard layout similar to a desktop PC keyboard.

Tip You can also use the Windows Mobile on-screen keyboard which also has a QWERTY keyboard layout by selecting **Keyboard** (or **Other Input Methods > Keyboard**) on the Text input method menu.


SMS \ MMS
ok
From: (SMS \ MMS)
To:
just justice justification
+
report just
1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p
! @ # $ % & * ? / :
a s d f g h j k l .
~ " ' ( ) - _ ; ,
z x c v b n m
CAPS
shift
ABC T9
SPACE
.,123
Send
Menu

- Tap to enter letters or symbols.
- Tap and hold to enter a punctuation mark, symbol, or number that appears on top of a key

- Tap to enter an uppercase letter.
- Tap twice to turn on Caps Lock.

Displays the word candidate list in T9 mode. Tap a word to insert it into your text. Tap + to add a word to the T9 dictionary.

Tap to delete the previous character.

Tap to create a new line.

Tap to toggle between using **Normal** or **T9** mode.

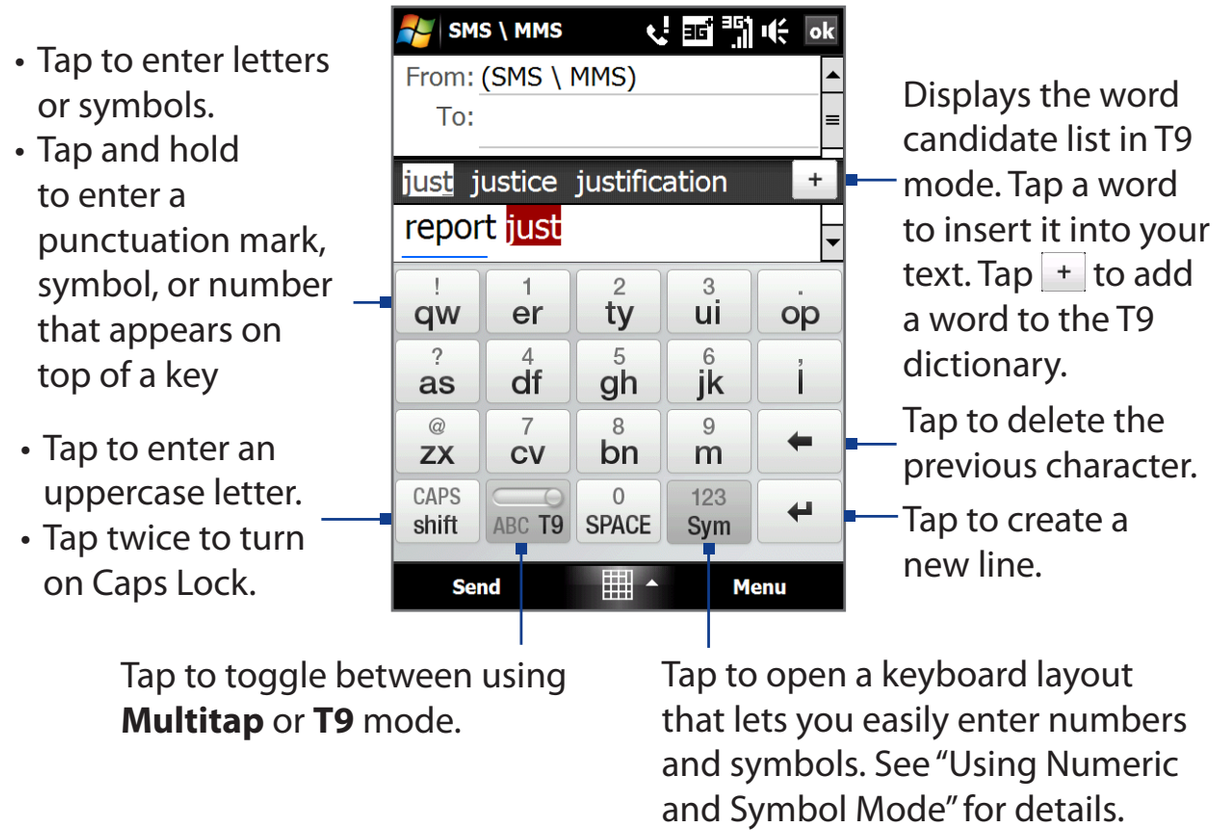
Tap to open a keyboard layout that lets you easily enter numbers and symbols. See "Using Numeric and Symbol Mode" for details.

To enter text using the Full QWERTY

1. Start a program that accepts text input, such as Word Mobile.
2. Tap the **Input Selector** arrow, then tap **Full QWERTY**.
3. Start tapping keys on the keyboard as you would on a PC keyboard to enter your text. To learn how to enter text using T9 mode, see "Using Multitap and T9 Modes" in this chapter.

4.4 Using the Compact QWERTY

The **Compact QWERTY** is a type of on-screen keyboard which features 20 keys. With its large, touch-friendly keys and enhanced features such as T9 predictive input, you can enter text faster and more accurately.


• Tap to enter letters or symbols.
• Tap and hold to enter a punctuation mark, symbol, or number that appears on top of a key
• Tap to enter an uppercase letter.
• Tap twice to turn on Caps Lock.
SMS \ MMS
ok
From: (SMS \ MMS)
To:
just justice justification +
report just
! qw 1 er 2 ty 3 ui . op
? as 4 df 5 gh 6 jk , l
@ zx 7 cv 8 bn 9 m
CAPS shift
ABC T9
0 SPACE
123 Sym
Send
Menu
Displays the word candidate list in T9 mode. Tap a word to insert it into your text. Tap + to add a word to the T9 dictionary.
Tap to delete the previous character.
Tap to create a new line.
Tap to toggle between using **Multitap** or **T9** mode.
Tap to open a keyboard layout that lets you easily enter numbers and symbols. See "Using Numeric and Symbol Mode" for details.

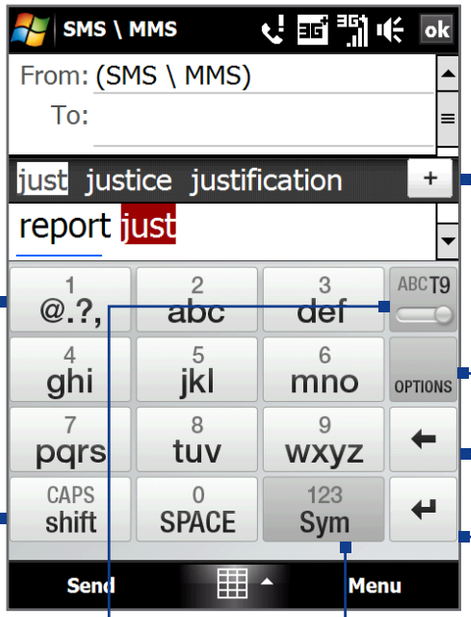
Tip You can tap and hold 123 Sym to immediately open the numeric keyboard.

To enter text using the Compact QWERTY

1. Start a program that accepts text input, such as Word Mobile.
2. Tap the **Input Selector** arrow, then tap **Compact QWERTY**.
3. Start tapping keys on the keyboard to enter your text. To learn how to enter text using Multitap or T9 mode, see "Using Multitap and T9 Modes" in this chapter.

4.5 Using the Phone Keypad

The **Phone Keypad** is a 12-key on-screen keypad that has a layout similar to mobile phone keypads, plus some additional keys. The Phone Keypad has large keys and enhanced input features such as T9 predictive input, which makes it faster for you to enter text in your messages and documents.



- Tap to enter letters or symbols.
- Tap and hold to enter a punctuation mark, symbol, or number that appears on top of a key

- Tap to enter an uppercase letter.
- Tap twice to turn on Caps Lock.

Displays the word candidate list in T9 mode. Tap a word to insert it into your text. Tap + to add a word to the T9 dictionary.

Tap to open the input settings.

Tap to delete the previous character.

Tap to create a new line.

Tap to toggle between using **Multitap** or **T9** mode.

Tap to open a keyboard layout that lets you easily enter numbers and symbols. See "Using Numeric and Symbol Mode" for details.

Tip You can tap and hold 123 Sym to immediately open the numeric keyboard.

To enter text using the Phone Keypad

1. Start a program that accepts text input, such as Word Mobile.
2. Tap the **Input Selector** arrow, then tap **Phone Keypad**.
3. Start tapping keys on the keyboard to enter your text. To learn how to enter text using Multitap or T9 mode, see "Using Multitap and T9 Modes" in this chapter.

4.6 Using Multitap and T9 Modes

When using the on-screen keyboards, you can choose to enter text using Multitap or T9 mode.

Multitap mode

In **Multitap** mode (for Compact QWERTY and Phone Keypad), enter a character by tapping a key until the desired character is displayed on the screen.

- To enter the first letter that shows on a key, tap the key once. To enter the second letter, tap twice.
- To enter a punctuation mark, symbol, or number that appears on top of a key, tap and hold the key.

T9 mode

T9 is a predictive text input mode which displays a word candidate list as you enter the first few characters so you just select the word that you want.

To enter text using T9 mode

1. Start entering the first few letters of a word. As you enter each letter, predicted words will appear above the keyboard.
2. Tap the desired word to immediately insert it to your text.

   Note Navigate through the word candidate list if there are more words to choose from.

To add a word to the T9 dictionary

If the word that you have entered is not found in the dictionary, you can add it to the dictionary.

1. While in T9 mode, type a letter and then tap + on right side of the word candidate list.
2. Type the word you want to add and then tap **ADD**.

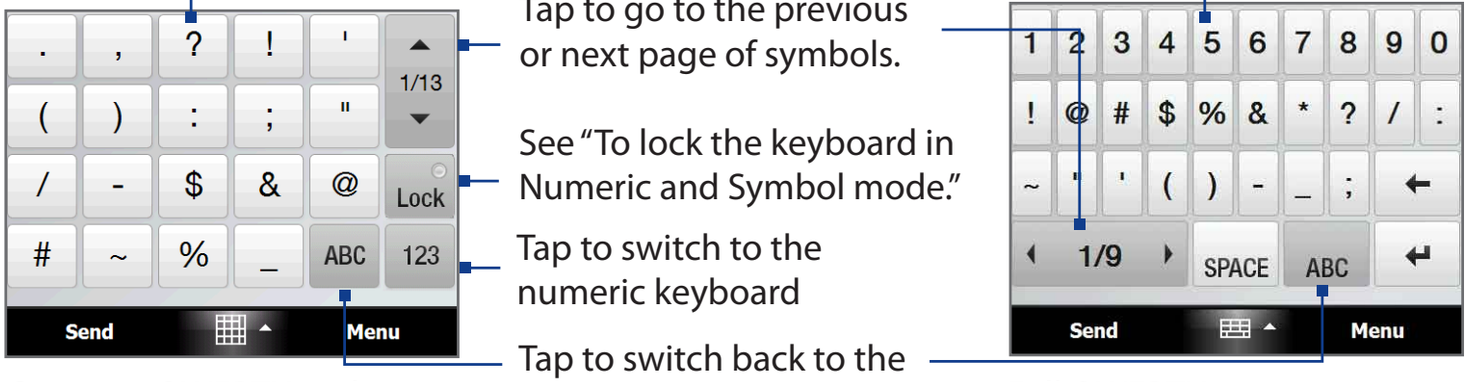


To customise Touch Input settings

1. Tap the **Input Selector** arrow, then tap **Touch Input Settings**.
2. On the Touch Input Settings screen, select or clear the following options according to your preferences:
   - **Spell Correction**. Lets you correct typographical errors by selecting from a list of possible words that reflect the characters of the keys you have tapped as well as characters of nearby keys.
   - **Word Completion in T9 mode**. Lets you select from a list of possible words based on the keys that you have tapped and on the words available in the dictionary.
   - **Word Completion in ABC mode**. Lets you select from a list of possible combinations based on the characters that appear on the keys that you tapped.
   - **Auto-Substitution**. Automatically inserts an apostrophe when you type common contracted words (for example, "dont" automatically becomes "don't").
3. Tap **Done**.

4.7 Using Numeric and Symbol Mode

Switch to Numeric and Symbol mode to let you easily enter numbers and common symbols such as parentheses, braces, currency signs, punctuation marks, special characters, and more. Numeric and Symbol mode is available when using the **Full QWERTY, Compact QWERTY**, and **Phone Keypad**.



Compact QWERTY and Phone Keypad

Full QWERTY

To switch to Numeric and Symbol mode

1. While using Full QWERTY, Compact QWERTY, or Phone Keypad, tap 123 Sym / .,123.
2. Locate the number or symbol, then tap it to insert it into your text.

To lock the keyboard in Numeric and Symbol mode

You can lock the keyboard in Numeric and Symbol mode so you can continuously enter symbols and numbers.

1. Tap the **Input Selector** arrow and then tap **Other Input Methods > Options**.
2. In the **Input Method** tab, select a **Touch** input method in the **Input method** list, then tap **Options**.
3. Clear the **Turn on one-touch symbol entry** check box.

Tip In Compact QWERTY and Phone Keypad, tap Lock / Lock to toggle between locking the keyboard in Numeric and Symbol mode and switching back to the letter keyboard layout after tapping a symbol or number.

4.8 Using Block Recognizer

With **Block Recognizer**, you use a single stroke to write letters, numbers, symbols, and punctuation, which are then converted into typed text.

To use Block Recognizer

1. From a program, tap the **Input Selector** arrow and then tap **Other Input Methods > Block Recognizer**.
2. Write characters, numbers, and symbols in the designated writing area.
   - Enter letters by writing in the **abc** (left) area of the box.
   - Enter numbers by writing in the **123** (right) area of the box.
   - Enter symbols and punctuation by tapping the left or right area of the box (a gray dot appears), then writing the desired character.

Tip For help with writing characters, tap the question mark near the writing area.

4.9 Using Letter Recognizer

With **Letter Recognizer**, you can write individual letters, numbers, and punctuation marks, which are then converted into typed text.

To use Letter Recognizer

1. From a program, tap the **Input Selector** arrow and then tap **Other Input Methods > Letter Recognizer**.
2. Write characters, numbers, and symbols in the designated writing area.
   - Enter uppercase letters by writing in the **ABC** (left) area of the box.
   - Enter lowercase letters by writing in the **abc** (middle) area of the box.

- Enter numbers by writing in the **123** (right) area of the box.
- Enter punctuation and symbols by writing the desired character in the **123** (right) area of the box.

Tip For help with writing characters, tap the question mark near the writing area.

4.10 Using Transcriber

Transcriber is a handwriting recognition program that enables you to write in cursive, print, or a combination of both.

To write using Transcriber

1. Open a program that accepts user input, such as Word Mobile.
2. Tap the **Input Selector** arrow and then tap **Other Input Methods > Transcriber**. The Transcriber introductory screen appears. Read the introduction and tap **OK**.
3. Position the cursor where you want text to appear.
4. Use the stylus to write anywhere on the screen. The handwriting will be converted to text shortly after you lift the stylus from the screen.

To enter punctuation and symbols

Transcriber comes with an on-screen keyboard that provides an easy way to add punctuation or a special symbol to existing text. To use this on-screen keyboard, tap  on the Transcriber toolbar.

The keyboard remains visible until you tap the button again.

Tips

- To reposition the keyboard, tap and hold the title bar, then drag to the desired location.
- When no text is selected, you can open the keyboard by using the  gesture (draw a line straight down and then straight up). For more information about using Transcriber gestures, see Help on your device.

To edit text

1. In a program, draw a line from left to right across the text you want to edit.
2. After you lift the stylus from the screen, the line disappears and the selected text will be highlighted.
3. Do either of the following:
   - Rewrite the text.
   - Use gestures to capitalise letters, insert a space, and so on. For information about using Transcriber gestures, see Help on your device.

Chapter 5

Synchronising Information With Your Computer

5.1 About Synchronisation

5.2 Setting Up Windows Mobile® Device Center on Windows Vista®

5.3 Setting Up ActiveSync® on Windows® XP

5.4 Synchronising With Your Computer

5.5 Synchronising via Bluetooth

5.6 Synchronising Music and Video

5.1 About Synchronisation

You can take information from your computer wherever you go by synchronising them to your device. The following types of information can be synchronised between your computer and your device:

- **Microsoft® Office Outlook® information**, which include Office Outlook E-mail, contacts, calendar, tasks, and notes
- **Notes**, which are created using **Microsoft® Office OneNote® 2007**
- **Media**, such as pictures, music, and video
- **Favorites**, which are the bookmarked links to your favourite web sites
- **Files**, such as documents and other files

Before you can synchronise, you need to install and set up first the synchronisation software on your computer. For more information, see "Setting Up Windows Mobile Device Center on Windows Vista®" and "Setting Up ActiveSync® on Windows® XP" in this chapter.

Note ActiveSync or Windows Mobile Device Center only synchronises data on your computer and device. If you have installed a storage card and you want to back up files from the storage card, use Windows Explorer on your computer to copy files from the storage card to your computer.

Ways to synchronise

After you have installed the synchronisation software on your computer, connect and synchronise your device with your computer by:

- Using the supplied USB sync cable.
  Upon connecting the sync cable to your device and your computer, the synchronisation process automatically starts.

- Using Bluetooth.
  You must first set up a Bluetooth partnership between your device and your computer before you can synchronise information between them using Bluetooth. For more information about setting up a Bluetooth partnership, see Chapter 9. For information about synchronising through Bluetooth, see "Synchronising via Bluetooth" later in this chapter.

Try to synchronise regularly in order to keep information up-to-date in both your device and your computer.

Notes

- You can also synchronise Outlook email, contacts, calendar, and tasks on your device with the Exchange Server at your work. For more information about setting up your device to synchronise with the Exchange Server, see Chapter 7.
- If you are sending your device for repair or performing a hard reset, data from your device will be lost. It is recommended that you sync your device to your computer to back up your files. To back up files from the storage card to your computer, use Windows Explorer to copy files from the storage card to the computer.

5.2 Setting Up Windows Mobile® Device Center on Windows Vista®

Microsoft Windows Mobile® Device Center is the replacement for Microsoft® ActiveSync® on Windows Vista®.

Note Some versions of Windows Vista® come with Windows Mobile Device Center already installed. If Windows Mobile Device Center is not available on your Windows Vista®, you can install it from the Getting Started Disc that came with your device.

Set up synchronisation in Windows Mobile Device Center

When you connect your device to your computer and start Windows Mobile Device Center for the first time, you are asked to create a Windows Mobile partnership with your device. To create a partnership:

1. Connect your device to your computer. Windows Mobile Device Center configures itself, then opens.
2. On the license agreement screen, click **Accept**.
3. On the Windows Mobile Device Center's Home screen, click **Set up your device**.


Windows Mobile Device Center
Home
Windows Mobile
Set up your device
Get Outlook contacts, calendar, e-mail and other information on your device.
Connect without setting up your device
Connected

Note Choose **Connect without setting up your device** if you only want to transfer media files, check for updates, and explore your device but not synchronise Outlook information.

4. Select the items you want to synchronise, then click **Next**.
5. Enter a device name, then click **Set Up**.

When you finish the setup wizard, Windows Mobile Device Center synchronises your device automatically. Notice that Outlook emails and other information appear on your device after synchronisation.

Use Windows Mobile Device Center

To open Windows Mobile Device Center, click **Start > All Programs > Windows Mobile Device Center** on your Windows Vista computer.



On Windows Mobile Device Center, you can do the following:

- Click **Mobile Device Settings** to change synchronisation settings.
- When you click **Pictures, Music and Video > XX new pictures/video clips are available for import**, a wizard guides you to tag and transfer photos from your device to the Photo Gallery on your computer.
- Click **Pictures, Music and Video > Add media to your device from Windows Media Player** to synchronise music and video files using Windows Media® Player. For more information, see "Using Windows Media® Player Mobile" in Chapter 11.
- Click **File Management > Browse the contents of your device** to view documents and files on your device.

Note See Windows Mobile Device Center Help for more information.

5.3 Setting Up ActiveSync® on Windows® XP

The Getting Started disc that comes with your device contains Microsoft ActiveSync 4.5 or later. Follow the steps in this section to install and set up ActiveSync on Windows XP or other compatible Windows systems.

Note For a list of compatible Windows systems, go to http://www.microsoft.com/windowsmobile/activesync/activesync45.mspx.

Install ActiveSync

1. Place the Getting Started disc to the disc drive of your computer.
2. Click **Setup and Installation**.
3. Select the **ActiveSync** check box, then click **Install**.
4. Read the license terms, then click **Accept**.
5. When installation is completed, click **Done**.
6. On the Getting Started with Windows Mobile screen, click **Close**.

Set up synchronisation in ActiveSync

1. Connect your device to your computer. The Synchronisation Setup Wizard automatically starts and guides you to create a synchronisation partnership. Click **Next** to proceed.
2. To synchronise your device with your computer, clear the **Synchronize directly with a server running Microsoft Exchange** check box, then click **Next**.
3. Select the information types that you want to synchronise, then click **Next**.
4. Select or clear the **Allow wireless data connections** check box according to your preference.
5. Click **Finish**.

When you finish the wizard, ActiveSync synchronises your device automatically. Notice that Outlook emails and other information appear on your device after synchronisation.

5.4 Synchronising With Your Computer

Connect and synchronise your device with your computer using the USB cable or Bluetooth connection.

Start and stop synchronisation

You can manually synchronise either from your device or computer.

From your device

- On the TouchFLO 3D Home screen, slide to the **Settings** tab and then touch **Sync Data**; or
- Tap **Start > Programs > ActiveSync**, then tap **Sync**. To end synchronisation before it completes, tap **Stop**.

Tip To delete a partnership with one computer completely, disconnect your device from that computer first. In ActiveSync on your device, tap **Menu > Options**, tap the computer name, then tap **Delete**.

From Windows Mobile Device Center

1. Click **Start > All Programs > Windows Mobile Device Center**.
2. Click  at the lower left of the Windows Mobile Device Center.

   To end synchronisation before it completes, click  .

From ActiveSync on your computer

When you connect your device to your computer, ActiveSync automatically opens on your computer and synchronises.

- To manually start synchronisation, click  .
- To end synchronisation before it completes, click  .

Change which information is synchronised

You can change the information types and the amount of information to synchronise for each type either on your device or your computer. Follow the steps below to change synchronisation settings on your device.

Note Before changing synchronisation settings on your device, disconnect it from your computer.

1. In ActiveSync on your device, tap **Menu > Options**.
2. Select the check box for any items you want to synchronise. If you cannot select a check box, you might have to clear the check box for the same information type elsewhere in the list.
3. To change synchronisation settings for an information type, for instance, **E-mail**, select it and tap **Settings**.

   You can then set the download size limit, specify the time period of information to download, and more.

Notes

- Some information types such as Favorites, Files and Media cannot be selected in ActiveSync Options on your device. You can only select or clear these items from your computer's Windows Mobile Device Center or ActiveSync.
- A computer can have sync partnerships with many different Windows Mobile powered devices, but a device can have sync partnerships with at most two computers. To ensure that your device will synchronise properly with both computers, set up the second computer using the same synchronisation settings you used on the first computer.
- Outlook email can be synchronised with only one computer.

Troubleshoot sync connection problem

In some cases, when the computer connects to the Internet or a local network, it may disconnect the connection with your device in favour of the Internet or network connection.

If this happens, tap **Start > Settings > Connections** tab **> USB to PC**, then clear the **Enable advanced network functionality** check box. This makes your computer utilise a serial USB connection with your device.

5.5 Synchronising via Bluetooth

You can connect and synchronise your device with the computer using Bluetooth.

Note To connect and synchronise your device with a computer via Bluetooth, your computer must have a built-in Bluetooth or installed with a Bluetooth adapter or dongle.

To synchronise with a computer via Bluetooth

1. Set up Windows Mobile Device Center or ActiveSync on your computer to synchronise through Bluetooth. See the program's Help for instructions.
2. On your device, tap **Start > Programs > ActiveSync**.
3. Make sure that Bluetooth on both your device and the computer are turned on and set to visible mode. See "Bluetooth Modes" in Chapter 9 for details.

   If this is the first time you have connected to this computer via Bluetooth, you must first complete the Bluetooth wizard on your device and set up a Bluetooth partnership between your device and the computer. For more information about creating a Bluetooth partnership, see "Bluetooth Partnerships" in Chapter 9.
4. Tap **Menu > Connect via Bluetooth**. Make sure the Bluetooth function of both your device and the computer are turned on and set to visible mode.

Note To conserve battery power, turn off Bluetooth when not in use.

5.6 Synchronising Music and Video

If you want to carry your music or other digital media along with you while you travel, set up Windows Media® Player on your computer to synchronise music and video with your device.

Other than selecting the **Media** information type to be synchronised, all media synchronisation settings must be set in Windows Media® Player. Before media can be synchronised, you must do the following:

- Install Windows Media® Player Version 11 on your computer. (Windows Media® Player 11 works only in Windows XP or later versions).
- Connect your device to the computer with a USB cable. If your device is currently connected using Bluetooth, you must end that connection before media can be synchronised.
- Set up a sync partnership between your device and your computer's Windows Media® Player.

For more information about using Windows Media® Player Mobile, see Chapter 11.

Chapter 6

Exchanging Messages

6.1 Messaging

6.2 Text Messages

6.3 MMS

6.4 Types of Email Accounts

6.5 E-mail Setup Wizard

6.6 Using Email

6.1 Messaging

Messaging is a central location where you will find all types of messaging accounts, which include text messages (SMS), multimedia messages (MMS), and email accounts.

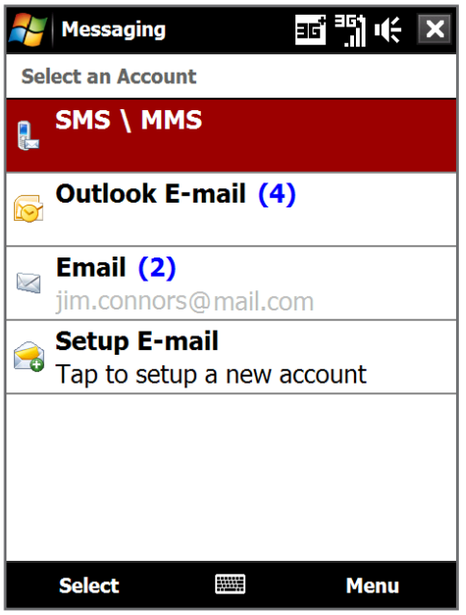
To select a messaging account

Do one of the following:

- On the TouchFLO 3D Home screen, slide to the **Mail** tab and then touch **Menu > Accounts > Accounts**. The Account Picker screen then opens where you can select an account.

  Tip You can also tap **Start > Messaging** to access the Account Picker screen.

- While you are in a message list of a certain account, for example SMS \ MMS, tap **Menu > Go To** to switch to other types of messaging accounts.



Account Picker screen

To configure message account settings

- Tap **Menu > Options** on the Account Picker screen; or
- Tap **Menu > Tools > Options** while you're in a message list.

To automatically add a signature in outgoing messages

You can automatically add your name and other information as your signature in outgoing SMS, MMS, and email messages:

Note You need to specify your signature for each type of messaging account.

1. Tap **Start > Messaging**, then tap **Menu > Options**.
2. Tap **Signatures**.

3. Select a messaging account in which to add a signature.
4. Select the **Use signature with this account** check box.
5. In the provided text box, enter the information that will be displayed as your signature.
6. If you want the signature to be added whenever you reply or forward messages, select the **Use when replying and forwarding** check box, then tap **OK**.
7. Repeat the steps to add a signature to other messaging accounts.

6.2 Text Messages

Send short text messages (SMS) up to 160 characters long to other mobile phones.

Create a new text message

Depending on your preference, there are a number of alternative ways you can create a new text message.

From the TouchFLO 3D Home screen

1. On the Home screen, slide to the **Messages** tab.
2. Touch the **New Message** icon () on the upper right side of the screen.

Tip To send a text message to a favourite contact, first select the photo of the desired contact in the **People** tab to open his or her contact card and then touch **Send text message**. For more information about working with favourite contacts, see "People" in Chapter 3.

From the Account Picker screen

1. Tap **Start > Messaging > SMS \ MMS**.
2. Tap **Menu > New > SMS**.

From the Contacts screen

1. Tap **Start > Contacts**.
2. Tap the contact's name to open his or her contact card.
3. Tap **Send text message**.

Compose and send a text message

After creating a new text message, follow the steps below to enter your message and then send it.

1. To add recipients, enter their mobile phone numbers in the **To** field, separating them with a semicolon. You can also tap **To** or tap **Menu > Add Recipient** to add mobile phone numbers from Contacts.
2. Enter your message.

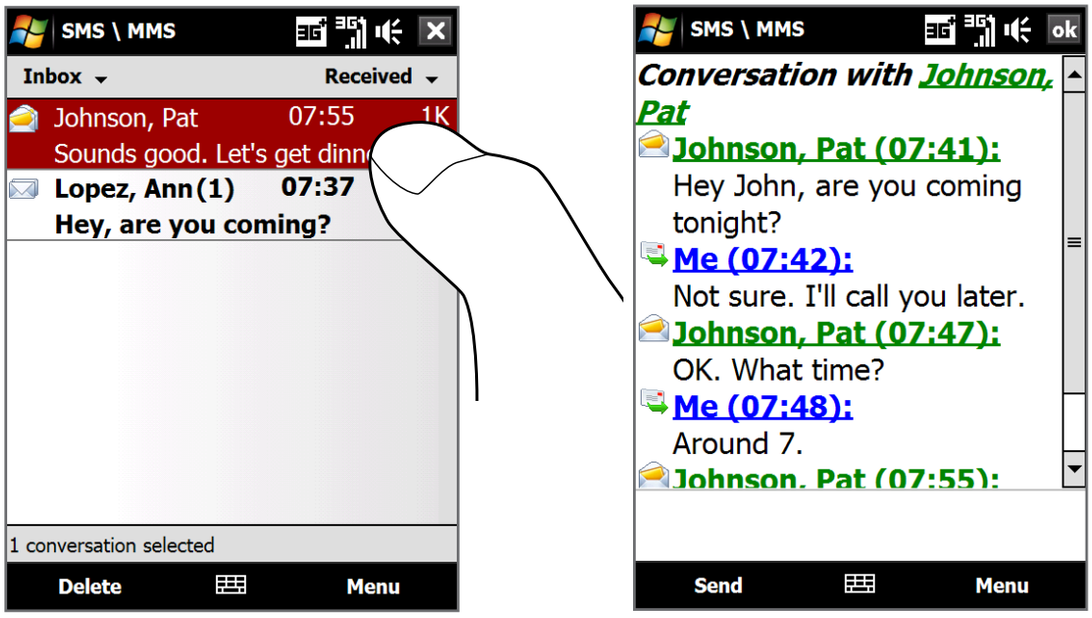
   Tip To choose from preset messages, tap **Menu > My Text** and tap a desired message. To check the spelling, tap **Menu > Spell Check**.
3. Tap **Send**.

Tips

- For more information about entering text and symbols, see Chapter 4.
- If you want to know when a text message is received, before sending the message that you are composing, tap **Menu > Message Options**, then select the **Request message delivery notification** check box.
- To always receive a delivery notification, tap **Menu > Tools > Options** in the text message list, tap **SMS \ MMS**, then select the **Request delivery notifications** check box.

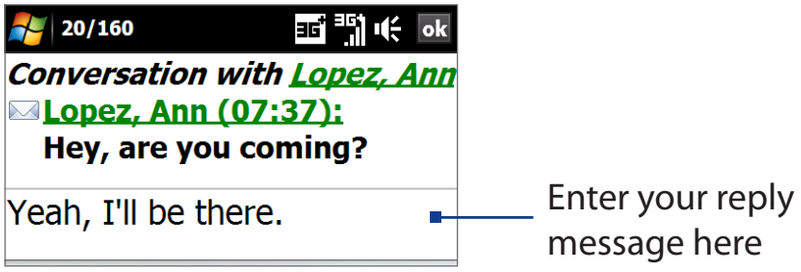
Manage text messages

Text messages that are sent to and received from a contact (or number) are grouped as a single thread in your inbox. Threaded SMS lets you see exchanged messages (similar to a chat program) with a contact on the screen.



To reply to a text message

1. In the SMS \ MMS inbox, tap a message thread to open it.
2. At the bottom of the screen, type your reply message and then tap **Send**.



To copy a message in the thread to the SIM card

1. In the SMS \ MMS inbox, tap the message to open it.
2. Use the Navigation Up or Down control to select a message in the thread that you want to copy to the SIM card.

   Note You cannot copy a sent message from the thread to the SIM card.

3. Tap **Menu > Copy to SIM**.

To copy a text message from the SIM card to the device

1. In the SMS \ MMS inbox, select the SIM message you want to copy.
2. Tap **Menu > Copy to Phone**.

Note Copying SIM text messages to your device results in duplicate messages in the Inbox folder when your SIM card is in use.

To delete a message in the thread

1. In the SMS \ MMS inbox, tap a message thread to open it.
2. Use the Navigation Up or Down control to select a message in the thread that you want to delete.
3. Tap **Menu > Delete**.

To delete all messages in a thread

1. In the SMS \ MMS inbox, select a message thread using the Navigation Up or Down control.
2. Tap **Delete**.

To reply to a text message with an MMS message

You can reply to a text message in a thread or to a SIM text message using an MMS message.

1. In the SMS \ MMS inbox, tap a message thread to open it.
2. Tap **Menu > Insert**, and then in the menu, select the item you want to insert: **Picture/Video**, **Audio** or **Attachment**.

   Tip Tap **Menu > Advanced Composer** after adding a picture/video, audio, or attachment to compose an MMS message complete with text, emoticons, media and attachments.
3. Tap **Send**.

   Tip You can also insert a vCard or vCalendar in your MMS message.

6.3 MMS

Sending multimedia messages (MMS) to your friends and family is fun and easy. You can include pictures, videos, and audio clips in a multimedia message.

Notes

- Multimedia messaging is a charged service and has to be provisioned on your mobile phone account. Contact your wireless service provider to have MMS provisioned as part of your calling plan.
- Make sure the size of MMS messages that you send is within the limits allowed by your wireless service provider.

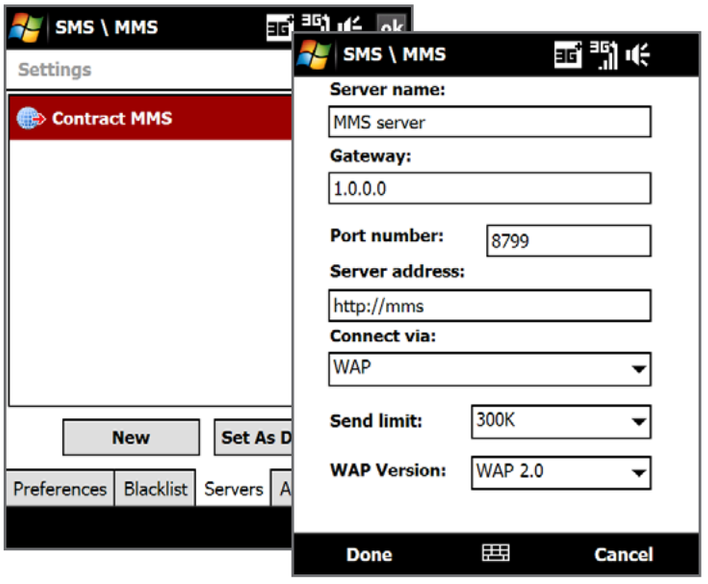
Change MMS settings

Check your device to see if it is preconfigured with your wireless service provider's MMS settings. Add the MMS settings of your wireless service provider if there are no preset MMS settings found on your device.

To configure MMS message settings

1. Tap **Start** > **Messaging** > **SMS \ MMS**.
2. Tap **Menu** > **MMS Options**. The Settings screen then appears.
3. In the **Preferences** tab, choose from the available options according to your needs.
4. Tap the **Servers** tab and check if your device is preset with MMS server settings.

   If there are no preset settings, tap **New** and enter the following information, which you obtained from your wireless service provider:



- **Gateway**. Location of the MMS server, which is usually in the form of an IP address.
- **Port number**. HTTP port number used for connecting to the MMS server and for file transfer.
- **Server address**. URL address of the server where MMS messages are stored.
- **Connect via**. Select the connection that your device uses for MMS messages.
- **Send limit**. Select the maximum MMS message size allowed by your wireless service provider.
- **WAP version**. Select either **WAP 1.2** or **WAP 2.0**, depending on which one is being used by your wireless service provider.

5. Tap **Done**.

Notes

- If your device already has preset MMS settings, it is recommended that you do not change these settings. If you change the preset settings, your device may not be able to send and receive MMS messages.
- If you add several MMS message service providers to the Settings screen, you can choose one as your default provider. Select the provider's name in the list, then tap **Set As Default**.

Create and send MMS messages

You can compose MMS messages in a combination of slides, where each slide can consist of a photo, video or audio clip, and/or text.

To compose an MMS message

1. Tap **Start > Messaging > SMS \ MMS**, then tap **Menu > New > MMS**.
2. When you see the Choose a MMS screen, tap a preset template, or tap **Custom** to open a blank MMS message.

   Note If you prefer to start composing from a blank MMS message every time, select the **Always choose custom** check box.

3. In **To**, enter the recipient's phone number or email address directly, or tap **To**, **Cc**, or **Bcc** to choose a phone number or an email address from Contacts.

   Note You may need to scroll up to see Cc and Bcc.

4. Enter a subject for your message.

5. Tap the **Insert** icon ()to select and insert a photo or video clip. When selecting a photo or video clip, you can:

   - Tap **Select** to insert the selected photo or video clip into the MMS message you are composing.
   - Tap  to take a photo and insert it into the MMS message.
   - Tap  to record MMS video and insert it into the MMS message.
   - Tap **Exit** () to quit selection and return to the MMS message.

6. Enter text and insert audio clips by tapping the respective areas. See "To add text to an MMS message" and "To add an audio clip to an MMS message" for details.

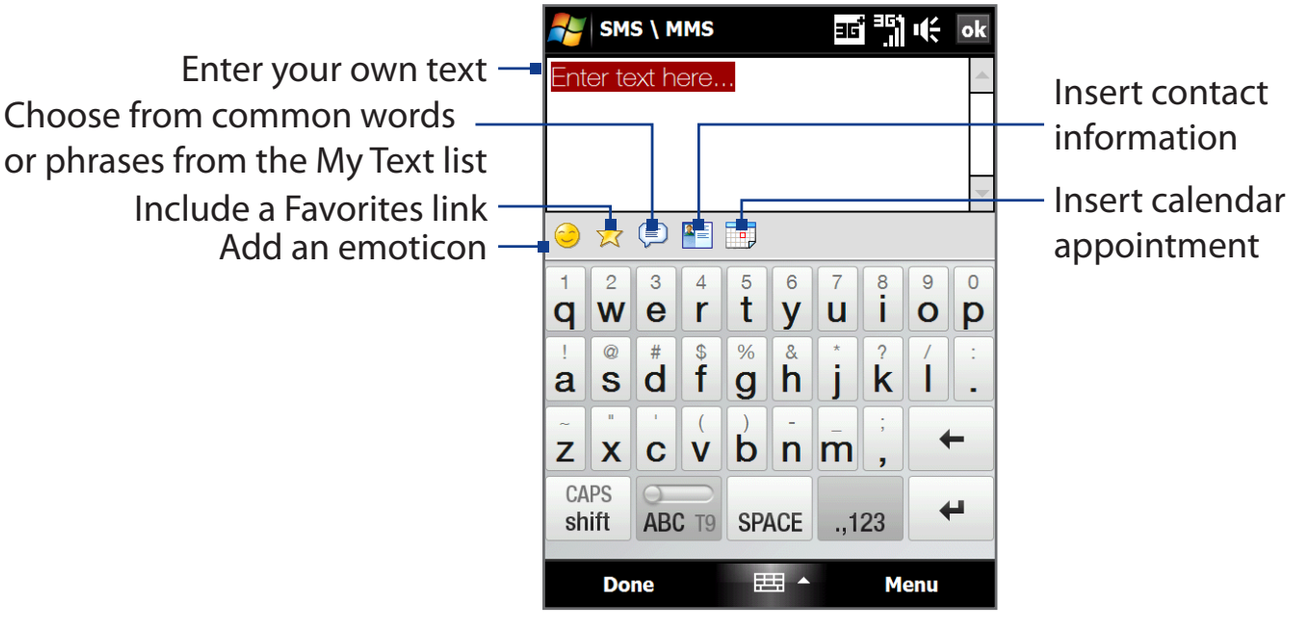
7. To add more slides, tap  or tap **Menu > Slides > Insert Slide**. Repeat steps 5 and 6 to insert photos/videos, text, and audio onto your slides.

8. Tap **Send** to send the MMS message.

Tip You can also send an MMS message from Pictures & Videos, Album, or the Camera program.

To add text to an MMS message

When you tap **Insert text here** on your MMS message, an empty screen appears where you can enter your text. You can insert the following types of information:



Tip To edit or delete a phrase on the My Text list, tap and hold a string, then tap **Edit** or **Delete** from the shortcut menu. To add a new phrase, tap **New**.

To add an audio clip to an MMS message

You can add one audio clip per slide in your MMS message.

1. Tap **Insert audio** on your MMS message.

   By default, My Documents will be shown. Tap My Music or another folder that contains audio files. When navigating folders, tap the down arrow (▼) to return to the upper folder.

2. Select an audio file. When selected, you can:

   - Tap ▶ to play the audio clip, ❚❚ to pause, or ■ to stop playback.
   - Tap **Select** to insert it into your MMS message.
   - Tap **Exit** (✕) to quit selection and return to your MMS message.

Note To record a new audio clip and add it to your MMS message, tap  . The Record pop-up window then opens. Tap **Record** to start recording, and **Stop** to end the recording. Tap **Play** to listen to the recorded audio clip, then tap **Add**. The new audio clip is then inserted into your MMS message.

View and reply to MMS messages

To view an MMS message

- Use the playback controls  ,  , and  .
- Tap **Contents** to see a list of files included in the message. On the Message Contents screen, you can do the following:
  - To save a file, select it, and tap **Menu > Save**.
  - To save the contents of a text file to the My Text list, tap **Menu > Save into My Text**.
  - To associate a photo to one of your contacts, tap **Menu > Assign to Contact**.

To reply to an MMS message

1. In the SMS \ MMS inbox, press Navigation Up or Down to select the mobile phone number or name of the contact who sent you the MMS message.
2. In the threaded message, MMS messages will have the  icon. Tap this icon to open and view an MMS message.
3. After viewing the MMS message, tap **Menu > Reply > via MMS** to reply with an MMS message or tap **Menu > Reply > via SMS** to reply with a text message.

To block a phone number from sending you MMS messages

If you do not want to receive MMS messages from a particular sender, you can add the sender's phone number to the MMS Blacklist.

1. When you receive a new MMS message, open and view the message.
2. To avoid receiving MMS messages from this sender next time, tap **Menu > Show > Message Detail**.
3. On the Message Detail screen, tap **Menu** > **Show Contact Details**.
4. Tap **Menu > Save to Blacklist**.
5. Tap **Done**.

Tip To unblock a phone number and allow the sender to send you MMS messages, remove the number from the Blacklist. Go to the SMS \ MMS inbox, tap **Menu > MMS Options > Blacklist** tab, tap and hold the phone number in the Blacklist, and then tap **Delete**.

6.4 Types of Email Accounts

You can set up the following types of email accounts on your device:

- Outlook email that you sync with your computer or the Exchange Server.
- Email account that you have from an Internet Service Provider (ISP) or other email provider.
- Web-based email accounts such as Gmail®, Yahoo!® Mail Plus, AOL®, and others.
- Work account that you access using a VPN connection.

Set up your device to synchronise Outlook email with the computer

If you have installed the synchronisation software on your computer and created a partnership with your device, then your device is ready to send and receive Outlook email.

If you have not yet installed the synchronisation software nor created a partnership, do so by following the procedures in Chapter 5.

Tip To set up your company email account so that you can access Outlook email messages wirelessly, you must set up your device to synchronise via an over-the-air connection with your company's Exchange Server. For more information about synchronising with your company email server, see Chapter 7.

Add an email account

To add a new email account, you can do one of the following:

- On the TouchFLO 3D Home screen, slide to the **Mail** tab and then touch **Menu > Accounts > New Account**; or
- Tap **Start > Messaging > Setup E-mail**.

The E-mail Setup wizard then opens and lets you enter your email account settings. See "E-mail Setup Wizard" in this chapter for details.

6.5 E-mail Setup Wizard

Windows Mobile's **E-mail Setup** wizard walks you through the process of setting up your email account. It has an Auto Setup feature which can automatically set up your email account based on the email address and password that you enter, if your email provider settings are preconfigured on your device. If the settings are not found on your device, Auto Setup then attempts to retrieve the settings online for which you may be charged when your device connects to the Internet and downloads them. If it cannot find the email settings online, you need to enter them manually.

Note For more information about setting up your company Outlook email account, see Chapter 7.

Set up an Internet email account

Set up a POP3 or IMAP4 email account on your device if you have an email account from an Internet service provider (ISP) or other email service provider, or a web-based account such as Gmail, Yahoo! Mail Plus, or AOL. You can also add a work account that you access using a VPN server connection as a POP3/IMAP4 account.

1. Add a new email account. See "Add an email account" for instructions.
2. Enter your **E-mail address** and the **Password** for your email account and select the **Save password** option. Tap **Next**.
3. If email provider settings are found preconfigured on your device, the E-mail Setup wizard shows a successful message. Tap **Next**.

   If the settings are not found on your device, select the **Try to get e-mail settings automatically from the Internet** checkbox to find and download email server settings from the Internet and then tap **Next**.

4. Enter **Your name** and the **Account display name** and then tap **Next**.

   Note If the E-mail Setup wizard was unsuccessful in finding and downloading settings from the Internet, select **Internet e-mail** from the **Your e-mail provider** list on the next screen. You will be asked to enter email server settings. See "To specify email server settings" for details.

5. In the **Automatic Send/Receive** list, choose how often you want email messages to be automatically sent and downloaded on your device.

   Note Tap **Review all download settings** to select download options, set the email format as HTML or plain text, and more. For more information, see "To customise download and format settings."

6. Tap **Finish**.

To specify email server settings

If Auto Setup is unsuccessful, contact your ISP or email provider for the **Incoming mail server** and **Outgoing mail server** settings so you can enter them on your device.

Other options that you can select include the following:

- Select the **Outgoing server requires authentication** check box, if required by your provider.
- If the outgoing email server requires a different user name and password for sending email, clear the **Use the same user name and password for sending e-mail** check box. You will be prompted to enter this information.
- Tap **Advanced Server Settings**, then select the **Require SSL** check boxes if your email provider uses an SSL connection for more secured email. From the **Network connection** list, select the data connection that you use for connecting to the Internet.

To customise download and format settings

Before you tap **Finish** when setting up your POP3 or IMAP4 email account, you can tap the **Review all download settings** link at the bottom of the screen to choose download options, message format, and other settings.

Options	Description
Automatic Send/Receive	You can select a time interval for connecting to the Internet automatically to send and receive messages.
Download messages	Set the number of days of messages that you want to be downloaded to your device.
Send/receive when I click Send	By default, messages are immediately delivered when you tap **Send**. If you prefer to save outgoing messages to the Outbox folder first, clear the check box. (In this case, you will need to manually send messages by tapping **Menu > Send/Receive**).
Use automatic send/ receive schedule when roaming	This allows your device to data roam when there is a set time interval for connecting to the Internet automatically. Since this may result in higher connection costs, you may want to leave the check box cleared.
When deleting messages	Choose whether to delete messages from the mail server when you delete them on your device.
Message format	Select HTML or Plain Text.
Message download limit	Select the email download size. If you have large volumes of email, use a lower size or select to download headers only.

Set up a custom domain email

When you are using an email domain name that is hosted by a different email provider (for example, your email address may be Benjamin@startup.com but Email.com hosts the email account and provides email services), select the **Custom Domain** option in the E-mail Setup wizard to set up your email account on your device.

1. Add a new email account. See "Add an email account" for instructions.
2. Enter your **E-mail address** and the **Password** for your email account and select the **Save password** option. Tap **Next**.
3. Clear the **Try to get e-mail settings automatically from the Internet** and then tap **Next**.
4. In **Your e-mail provider**, select **Custom domain** and then tap **Next**.
5. Enter the domain of your email provider and then tap **Next**.
6. The E-mail Setup wizard then tries to find the email provider settings on your device or from the Internet. If the settings are found, it shows a successful message. Tap **Next**.
7. Enter **Your name** and the **Account display name** and then tap **Next**.

   Note If the E-mail Setup wizard was unsuccessful in finding the settings, you will be prompted to enter email server settings on the succeeding screens. See "To specify email server settings" for details.

8. In the **Automatic Send/Receive** list, choose how often you want email messages to be automatically sent and downloaded on your device.

   Note Tap **Review all download settings** to select download options, set the email format as HTML or plain text, and more. For more information, see "To customise download and format settings."

9. Tap **Finish**.

6.6 Using Email

After setting up email accounts on your device, you can start sending and receiving email messages.

Create a new email message

Depending on your preference, there are two ways you can create a new email message.

To start from an empty message

1. On the TouchFLO 3D Home screen, slide to the **Mail** tab.
2. Select the email account you want to use on the right side of the screen.

   Tip To choose from other email accounts that are not displayed on the **Mail** tab, touch **Menu > Accounts > Accounts** and then select an email account from the Account Picker screen.

3. Touch the **New Email** icon () to create a new email.

To send an email to a favourite contact

1. On the TouchFLO 3D Home screen, slide to the **People** tab.
2. Swipe your finger on the screen to flip through the photos of your favourite contacts.
3. When the photo of the desired contact is displayed, touch the displayed photo and then touch **Send e-mail**.

For more information about working with favourite contacts, see "People" in Chapter 3.

Tip You can also touch **Start > Contacts**, select a contact name, and then touch **Send e-mail**.

Compose and send an email

After creating a new email, follow the steps below to enter your message and then send it.

1. To add recipients, enter their email addresses, separating them with a semicolon. You can also tap **To** if you want to add email addresses stored in Contacts.
2. Enter a subject and compose your message.

   Tip To choose from preset messages, tap **Menu > My Text** and tap a desired message. To check the spelling, tap **Menu > Spell Check**.
3. Tap **Send**.

Tips

- For more information about entering text and symbols, see Chapter 4.
- To set the message priority, tap **Menu > Message Options**.
- If you are working offline, email messages are moved to the Outbox folder and will be sent the next time you connect.

To add an attachment to a message

1. In the message that you are composing, tap **Menu > Insert** and tap the item you want to attach: **Picture**, **Voice Note**, or **File**.
2. Select the file or picture you want to attach, or record a voice note.

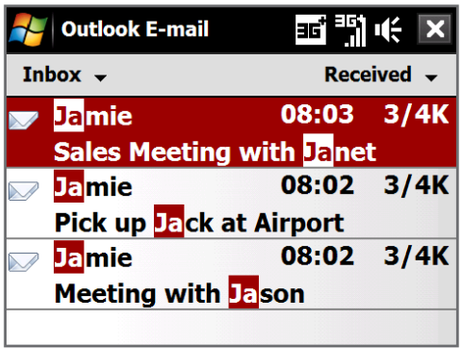
Filter the Inbox message list

When the Inbox on your device is full of messages, you can filter your Inbox to display only the messages that contain a particular sender or subject you are searching for.

To filter your Inbox

Enter the sender name or email subject you want to look for. As you type characters, the message list narrows down to the sequence of characters you have entered.

For example, entering "J", then "A" narrows the list to only the emails that contain sender names and email subjects that start with "JA."



View and reply to messages

To download a complete email

By default, each email received in the inbox on your device contains only the first few kilobytes of the message. When you open an email, it displays only the headers and part of the message. You must download the whole email to view the complete content.

To download a complete email message, open the email and then do one of the following:

- Finger-scroll to the end of the message, and tap **Get entire message and any attachments** (POP3 email account) or tap **Get the rest of this message** (IMAP4 and Outlook email accounts).
- Tap **Menu > Download Message**.

Notes

- The Fetch Mail feature, which is available for POP3 and IMAP4 Internet email accounts, downloads an entire email without the need for you to perform a full synchronisation. This limits the download to just the email message that you want and helps save data cost.

  Fetch Mail is also available for Outlook email. See "Instant download through Fetch Mail" in Chapter 7 for details.

- Download may take some time, depending on the speed of your Internet connection, size of the whole email, and whether file attachments are automatically downloaded.

To download file attachments

- **POP3 email account:**

  File attachments of a POP3 Internet email account are automatically downloaded when you download a complete email.

- **IMAP4 and Outlook email accounts:**

  File attachments appear below the subject of an email message. Tapping an attachment opens the attachment if it has been fully downloaded or marks it for download the next time you send and receive email.

  You can set automatic download of file attachments. See "Customise email settings" in this chapter for details.

To reply to or forward a message

1. Open the message and tap **Menu > Reply > Reply**, **Menu > Reply > Reply All**, or **Menu > Reply > Forward**.
2. Enter your response, then tap **Send**.

Notes

- You can receive and view HTML emails from any type of email account. The HTML format is retained, without layout shifting or resizing.
  HTML email support in Outlook Mobile is available only if you are synchronising your device with Microsoft Exchange Server 2007.
- When replying using an Outlook email account, you can customise ActiveSync to exclude addresses, including your own, from being added to the recipient list. Tap **Menu > Options** in ActiveSync, select the **E-mail** item, tap **Settings**, then tap **Advanced**. In the **My e-mail addresses** text box, enter email addresses you want to exclude.

Synchronise emails

Synchronising emails ensures that new emails are downloaded to the device Inbox folder, emails in the Outbox folder are sent, and emails deleted from the server are removed from your device. The manner in which you synchronise emails depends on the type of email account you have.

To automatically synchronise an Outlook email account

1. Connect your device to your computer through USB or Bluetooth.

   Otherwise, connect through Wi-Fi or a data connection if you are synchronising Outlook email with the Exchange Server. For more information, see Chapter 7.

2. Synchronisation automatically begins, and your device sends and receives Outlook email.

To manually synchronise your Outlook or Internet email account

1. Select your Internet email account. (See "To select a messaging account" in this chapter.)
2. Tap **Menu > Send/Receive**.

Customise email settings

To change the download size and format for Outlook email

1. Disconnect your device from the computer.
2. Tap **Start > Programs > ActiveSync**.
3. Tap **Menu > Options**, select **E-mail**, then tap **Settings**.
4. On the E-mail Sync Options screen:
   - Under **Message format**, select HTML or Plain Text. HTML is only available when connected to Microsoft Exchange Server 2007 or later.
   - Under **Download size limit**, select the desired email size.
5. Close ActiveSync and reconnect your device to the computer.

To change the download size and format for Internet email

1. Tap **Menu** > **Options** on the Account Picker screen, or tap **Menu** > **Tools** > **Options** while you're in a message list.
2. Tap your POP3 or IMAP4 Internet email account.
3. Tap **Download Size Settings**.
4. Under **Message format**, select HTML or Plain Text.
5. Under **Download size limit**, select the desired email size.
6. Tap **Done**.

To automatically receive attachments on Outlook emails

1. Tap **Start** > **Programs** > **ActiveSync**.
2. Tap **Menu** > **Options**.
3. Tap **E-mail** > **Settings**, then select **Include file attachments**.

To automatically receive attachments on IMAP4 emails

1. Tap **Menu** > **Options** on the Account Picker screen, or tap **Menu** > **Tools** > **Options** while you're in a message list.
2. Tap the name of your IMAP4 email account.
3. Tap **Download Size Settings**.
4. In **Download attachments,** select a download size or select **All attachments**.
5. Tap **Done**.

To store attachments on the storage card

1. Tap **Start** > **Messaging**.
2. Tap **Menu** > **Options** > **Storage** tab.
3. Select the **When available, use this storage card to store attachments** check box.

Chapter 7

Working With Company Emails and Meeting Appointments

7.1 Synchronising with the Exchange Server

7.2 Working With Company Emails

7.3 Managing Meeting Requests

7.4 Finding Contacts in the Company Directory

7.1 Synchronising with the Exchange Server

To keep up-to-date with your company emails and meeting schedules while you're out of the office, you can connect your device to the Internet through Wi-Fi or a data connection and synchronise with your company's Exchange Server.

Set up an Exchange Server connection

Before you can synchronise or access information on the Exchange Server, you need to set up an Exchange Server connection on your device. You need to get the following information from your network administrator and enter them on your device:

- Exchange Server name (must be Outlook Web Access server name)
- Domain name
- User name and password that you use at work

If you have not synchronised your device with your computer, follow these steps to set up an Exchange Server connection.

1. Add a new email account. See "Add an email account" in Chapter 6 for instructions.
2. Enter the **E-mail address** and **Password** for the email account and select the **Save password** option. Tap **Next**.
3. Clear the **Try to get e-mail settings automatically from the Internet** option and tap **Next**.
4. In **Your e-mail provider**, select **Exchange server** and tap **Next**.
5. Tap **Next** again.
6. Select the **Attempt to detect Exchange Server Settings automatically** option and tap **Next**.
7. Enter the **Domain** name and tap **Next**.
8. In **Server address**, enter the Exchange Server address and tap **Next**.

9. Select the items that you want to sync with the Exchange Server.

   Tips
   - To change synchronisation settings of an information item, for example, email, select the item, then tap **Settings**.
   - To change the rules for resolving synchronisation conflicts, tap **Menu > Advanced**.

10. Tap **Finish**.

Notes
- If you synchronised emails with your computer before, open ActiveSync on your device, then tap **Menu > Add Server Source** to set up an Exchange Server connection. When prompted to select information types for synchronisation, you must first clear the **E-mail** check box under the Windows PC item before you can select **E-mail** under Exchange Server.
- To change Exchange Server settings, open ActiveSync on your device, then tap **Menu > Configure Server**.

Start synchronisation

Before you start synchronising with the Exchange Server, make sure your device has been set up with a Wi-Fi or data connection to the Internet so that you can synchronise over the air. For more information about connections, see Chapter 8.

After you finish setting up an Exchange Server connection, your device automatically starts synchronisation.

To manually start synchronisation, you can do one of the following:

- On the TouchFLO 3D Home screen, slide to the **Settings** tab and then touch **Sync Data**; or
- Tap **Start > Programs > ActiveSync** and then tap **Sync**.

Note If you connect your device to your office computer via a USB or Bluetooth connection, you can use this connection to the computer to "pass through" to the network and download Outlook emails and other information to your device.

7.2 Working With Company Emails

Your device gives you instant access to your company emails and lets you manage your messages easier. Direct Push, Fetch Mail, Remote email search, and email flags are just some of the tools you can use to manage your emails.

Note Some messaging features depend on the Microsoft Exchange Server version used in your company. Check with your network administrator for the availability of these features.

Automatic synchronisation through Direct Push

Direct Push technology (push email feature) enables you to receive new emails on your device as soon as they arrive in your Inbox on the Exchange Server. Items such as contacts, calendar and tasks are also immediately updated onto your device when these items have been changed or new entries have been added on the Exchange Server. To make Direct Push work, you need to have a Wi-Fi or data connection on your device.

You need to perform a full synchronisation between your device and the Exchange Server first before Direct Push can be enabled.

Requirement The Direct Push feature works for your device only if your company is using **Microsoft Exchange Server 2003 Service Pack 2 (SP2) with Exchange ActiveSync or higher version**.

You can turn on Direct Push in the Comm Manager or ActiveSync.

To turn on Direct Push in Comm Manager

1. To open the Comm Manager, slide to the **Settings** tab on the TouchFLO 3D Home screen and then touch **Communications**.

   Tip You can also tap **Start > Programs > Comm Manager**.

2. On the Comm Manager screen, touch **Microsoft Direct Push**.

To turn on Direct Push in ActiveSync

1. Tap **Start > Programs > ActiveSync** and then tap **Menu > Schedule**.
2. Select **As items arrive** in the **Peak times** and **Off-peak times** boxes.

Note When Direct Push is off, you need to manually retrieve your emails.

Scheduled synchronisation

If you do not want to use Direct Push, you can set a regular schedule for synchronising Outlook email and information.

1. In ActiveSync on your device, tap **Menu > Schedule**.
2. Select a shorter time interval in the **Peak times** box for you to be able to receive emails more frequently. (Peak times usually refer to your working hours when email volume is high).
3. Select a longer interval in the **Off-peak times** box.

   Tip To set the days and hours that make up your peak and off-peak times, tap the **peak times** link at the bottom of the screen.

Instant download through Fetch Mail

The **Fetch Mail** feature downloads an entire email immediately without the need for you to perform a full Send/Receive action. This limits the download to just the email message that you want and helps save data cost.

Requirement Fetch Mail works for your device only if your company is using **Microsoft Exchange Server 2007 or higher**.

1. On the TouchFLO 3D Home screen, slide to the **Mail** tab, select your **Outlook** account, and then tap **Inbox**.

   Tip You can also tap **Start > Messaging > Outlook E-mail**.

2. Open an email message.

3. By default, only the first few words of the message is shown. To download the whole email, finger-scroll to the end of the message, then tap **Get the rest of this message**.
4. Wait for the remainder of the message body to download.

Notes

- For information about changing email sync options such as setting the download size for email, see "Customise email settings" in Chapter 6.
- When you receive an email that contains a link to a document such as a PDF or Microsoft Office document located on SharePoint or an internal file server, you can tap the link to view the document on your device. You can view the document only if you have a Microsoft Outlook account that synchronises with Microsoft Exchange Server 2007 or later. Exchange Server must also be set up to allow access to SharePoint document libraries or internal file servers.

Search for emails on the Exchange Server

You can access emails that are not available on your device by searching your Microsoft Exchange Server mailbox. The search results are downloaded and displayed in a Search Results folder.

Requirement Your company must be using **Microsoft Exchange Server 2007 or higher**.

1. Tap **Start > Messaging > Outlook E-mail**.
2. Tap **Menu > Tools > Search Server**.
3. In the **Look for** text box, enter the search keyword.
4. Choose the date range of messages to search from.
5. In the **Look in** list, specify whether to search in the **Inbox**, **Sent Items**, or **All Folders**.
6. Tap **Search**.

Tip To clear the search results and return to the message list, tap **Menu > Clear Results**.

Flag your messages

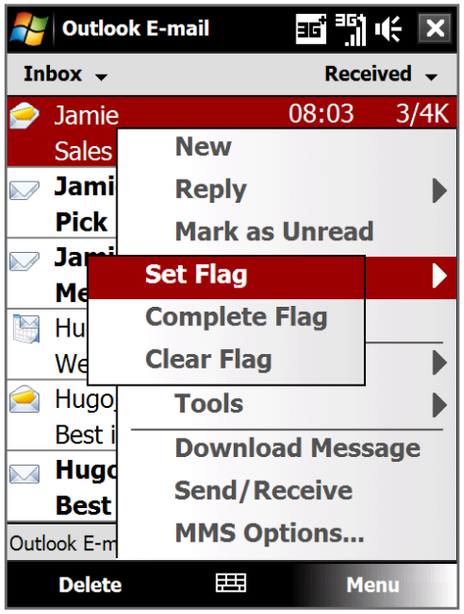
Flags serve as a reminder for you to follow-up on important issues or requests contained in email messages. Flagging messages, which has been a useful feature on desktop Outlook Email, can also be done in Outlook Mobile on your device. You can flag received email messages on your device.

Requirement Flags are enabled only if emails are synchronised with **Microsoft Exchange Server 2007 or higher**. Flags are disabled or hidden if emails are synchronised with earlier versions of Microsoft Exchange Server.

To flag or unflag a message

1. Open Outlook on your device and access the Inbox.
2. Select a message or open a message.
3. Tap **Menu > Follow Up** and select one of the following options:

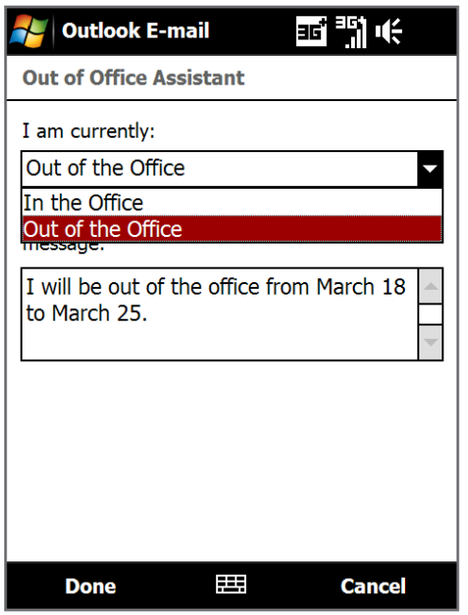
- **Set Flag** Mark the message with a red flag to indicate that it needs follow up.
- **Complete Flag** Mark the message with a check mark to indicate that the issue or request in the email is already completed.
- **Clear Flag** Remove the flag to unmark the message.



Note Email message reminders are displayed on your device if the messages are flagged with reminders and synchronised from the Exchange Server.

Out-of-office auto-reply

Outlook Mobile allows you to retrieve and change your out-of-office status. Just like desktop Outlook E-mail, Outlook Mobile automatically sends an auto-reply message when you're not available.



To send out-of-office auto-reply messages

1. Tap **Start > Messaging > Outlook E-mail**.
2. Tap **Menu > Tools > Out of Office**.
3. In the **I am currently** list, select **Out of the Office**.
4. Enter your auto-reply message, then tap **Done**.

7.3 Managing Meeting Requests

When you schedule and send meeting requests from your device, you can invite attendees to your meeting and check their status to know about their availability.

When you receive a meeting request, you can reply by accepting or declining the request. The meeting request also clearly indicates whether or not there are conflicting or adjacent meetings.

Requirement Your company must be using **Microsoft Exchange Server 2007 or higher**.

To reply to a meeting request

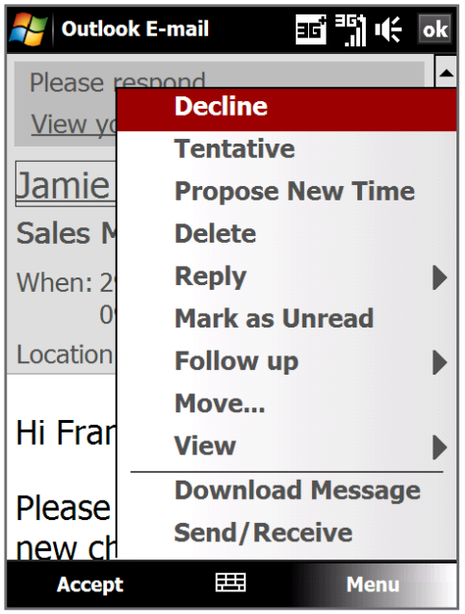
1. When you receive a meeting request email, a notification will be displayed on your device. Open the email.
2. Tap **Accept** to reply and accept the meeting request, or tap **Menu > Decline** if you cannot attend the meeting.

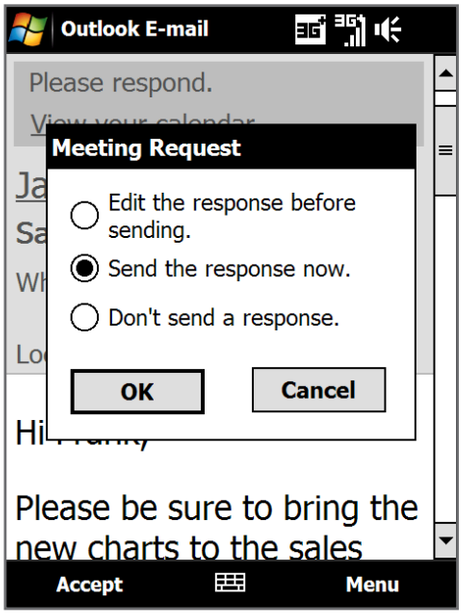
Tips

- Before responding, you can check your availability during the time of the requested meeting by tapping **View your calendar**.

- If the time of the meeting conflicts with your other appointments, a "Scheduling Conflict" status appears on top of the email.

3. Choose whether or not to edit your response email before sending, then tap **OK**.





If you accepted the meeting request, it will automatically be added as an appointment in Calendar on your device.

To view the list of meeting participants

1. Tap **Start** > **Calendar**.
2. Tap a meeting request that you sent and then tap **Attendees**. The required and optional attendees will be listed.

   Icons indicating whether each attendee has accepted or declined the meeting request will also be displayed.

   Note To see the icon indicators in the attendees list, make sure Calendar is synchronised with the Exchange Server.

Tips

- For information about creating a meeting request, see "To send a meeting request" in Chapter 12.

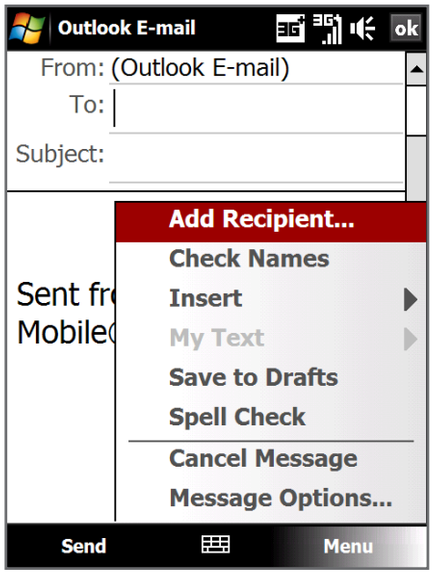
- To view an attendee's contact information, tap the attendee's name. If the attendee is included in your contacts list, you will see the contact information immediately. If the attendee is not in your contacts list, tap **Company Directory** to view the contact information.

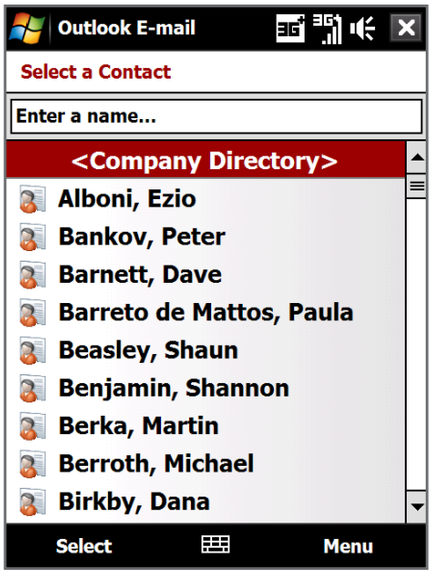
7.4 Finding Contacts in the Company Directory

In addition to having contacts on your device, you can access contact information from your organisation's Company Directory. By having over-the-air access to the Company Directory, you can easily send email messages and meeting requests to anyone in your company.

Requirement Access to the Company Directory is available only if your organisation is running **Microsoft Exchange Server 2003 SP2 or higher**, and you have completed your first synchronisation with the Exchange Server.

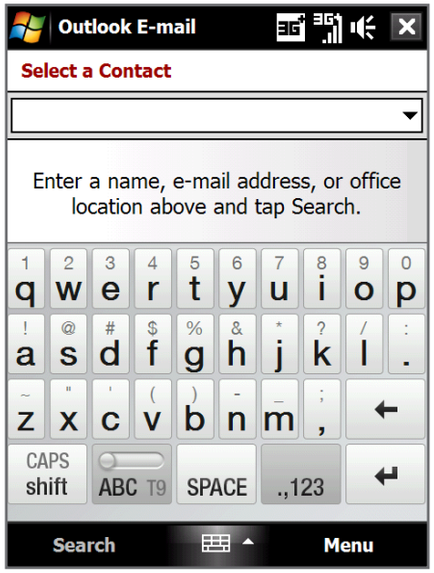
1. Synchronise with the Exchange Server.
2. Do any of the following:
   - In Contacts, tap **Menu > Company Directory**.
   - In a new email message, tap the **To** box (or tap **Menu > Add Recipient),** then tap **Company Directory** on the top of the list.

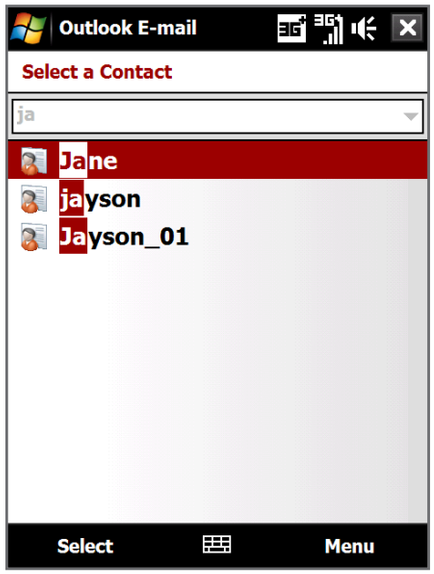




- When creating a meeting request and selecting required and optional attendees in Calendar, tap **Company Directory**.

3. Enter a partial or full contact name and tap **Search**. In the search results list, tap a contact to select it.





Notes

- You can save a contact from the Company Directory to your device by selecting the contact, then tapping **Menu > Save to Contacts**.
- You can search on the following information as long as that information is included in the Company Directory: First name, Last name, E-mail name, Display name, E-mail address, or Office location.

Chapter 8

Internet

8.1 Ways of Connecting to the Internet

8.2 Starting a Data Connection

8.3 Using Opera Mobile™

8.4 Using YouTube™

8.5 Using Streaming Media

8.6 Using Windows Live™

8.7 Using Your Device as a Modem (Internet Sharing)

8.8 Using RSS Hub

8.1 Ways of Connecting to the Internet

Your device's networking capabilities allow you to access the Internet or your corporate network at work through one of the following connections:

- Wi-Fi
- 3G+, HSUPA, 3G, GPRS, or EDGE
- Dial-up

Note You can also add and set up the following connections:

- **VPN:** A VPN connection is used to access your corporate network by using an existing Internet connection.
- **Proxy:** A Proxy connection is used to access the Internet using an existing connection to your corporate or WAP network.

Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 300 feet (100 meters).

To use Wi-Fi on your device, you need access to a wireless access point or "hotspot".

Note The availability and range of your device's Wi-Fi signal depends on the number, infrastructure, and other objects through which the signal passes.

To turn Wi-Fi on and off

1. On the Home screen, slide to the **Settings** tab.
2. On the Settings screen, tap **Communications** > **Wi-Fi** to enable/disable the wireless function.

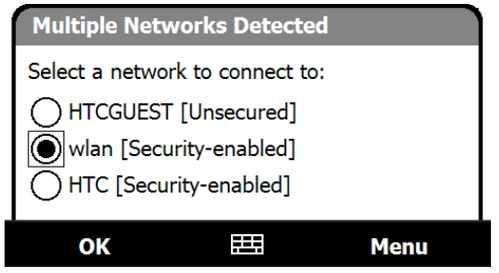
   When enabled, the **On** indicator is activated and available wireless networks will be detected.

To connect to a wireless network

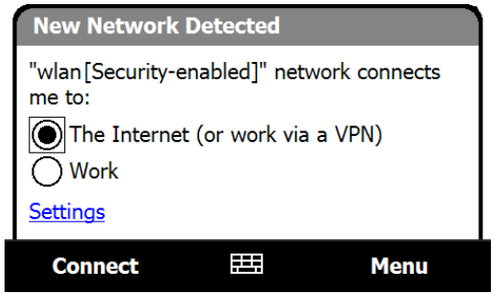
After Wi-Fi is turned on, your device scans for available wireless networks in your area.

1. The network names of the detected wireless networks are displayed on a pop-up message window. Tap the desired wireless network, then tap **OK**.

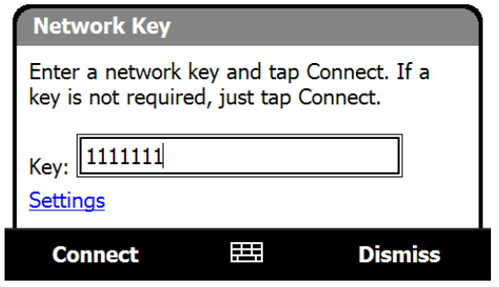
   Note When you select an open (unsecured) network, you will be automatically connected to the network after tapping **OK**. You do not need to do steps 2 and 3.



2. On the next pop-up message window, do one of the following:
   - Tap **The Internet** if the wireless network connects your device to the Internet.
   - Tap **Work** if the wireless network connects your device to a private network.



3. Enter the key and then tap **Connect**.



Next time you use your device to detect wireless networks, you will not see the pop-up message windows again, and you will not be prompted to enter the network key of the previously accessed wireless network (unless you perform a hard reset which will erase custom settings on your device).

Note Wi-Fi networks are self-discoverable, which means no additional steps are required for your device to connect to a Wi-Fi network. It may be necessary to provide a username and password for certain closed wireless networks.

To check wireless network status

You can check the current wireless connection status from any of the following screens of your device:

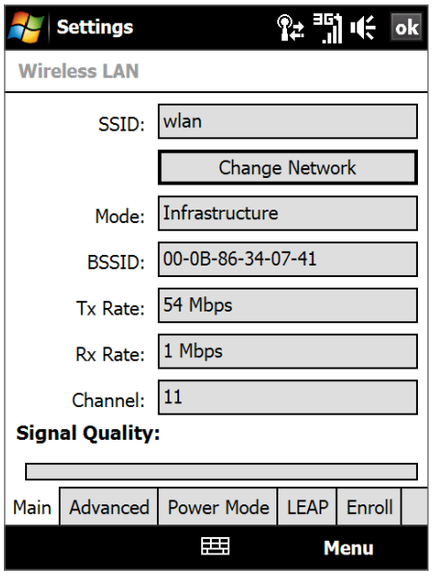
- **Title bar**.

  When you enable Wi-Fi on your device, the Wi-Fi ON icon appears on the title bar.
  After Wi-Fi is turned on, your device scans for available wireless networks and the wireless signal icon appears on the title bar. The arrows in this icon move back and forth while your device is scanning for a wireless network signal. Once your device successfully connects to a wireless network, the arrows stop moving.

- **Wireless LAN screen**.

  On the Home screen, slide to the **Settings** tab and then tap **Menu > Wireless Networks**. On the **Main** tab, you will see the wireless network that your device is currently connected to.

  The configuration and signal quality of the wireless network are also shown.

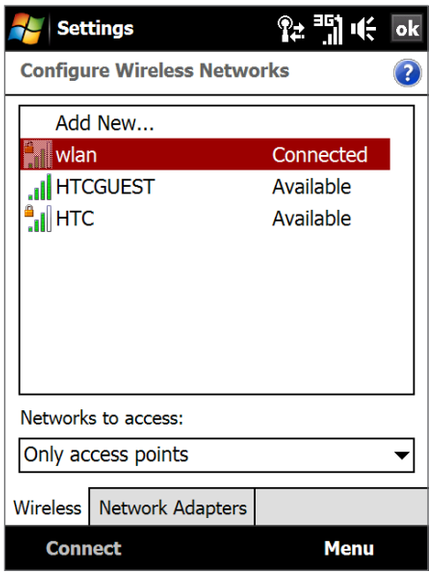


- **Configure Wireless Networks screen**.

  On the Home screen, slide to the **Settings** tab and then tap **All Settings**. In the **Connections** tab, tap **Wi-Fi**. This screen displays the wireless networks currently available.

  To connect to a wireless network in the list, tap and hold on the desired network, then tap **Connect**. Tap a wireless network in the list to view or change its connection settings.

  You can also add new wireless networks, if available, by tapping **Add New**

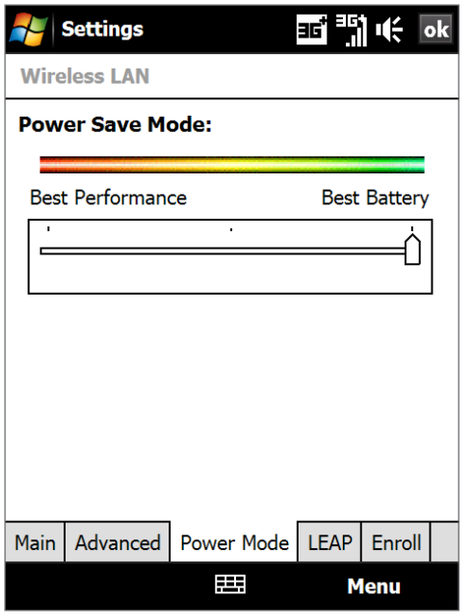


To save battery power while connected to a wireless network

Using Wi-Fi quickly consumes battery power. Turn off Wi-Fi when not in use. You can also enable power saving settings.

1. On the Home screen, slide to the **Settings** tab.
2. On the Settings screen, tap **Menu** > **Wireless Networks** > **Power Mode** tab.
3. On the **Power Mode** tab, move the **Power Save Mode** slider to a position that optimises performance with the least power consumption.

   For example, move the slider to the left (Best Performance) to have the optimal wireless network performance; move to the right (Best Battery) to obtain the maximum battery usage.



GPRS/3G

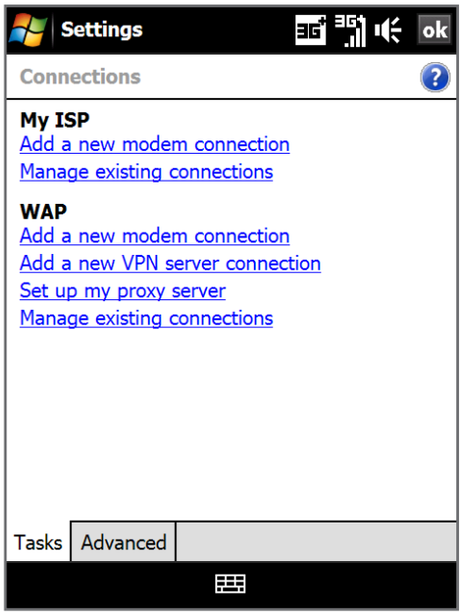
Use **GPRS/3G** (or **3G+**, **HSUPA**, or **EDGE**, if available) to connect to the Internet and to send and receive email and picture messages on your device. You will need a data plan to use your wireless service provider's GPRS/3G network. Check with your wireless service provider to find out about GPRS/3G rates.

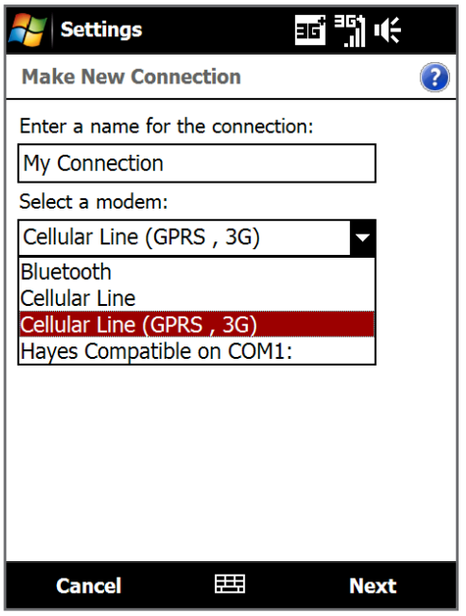
GPRS/3G settings are already preconfigured on your device, and your device is ready to use your wireless service provider's GPRS/3G services. Do not change the settings as this may cause services to stop working.

To add a new GPRS/3G connection

When you need to add another GPRS/3G connection on your device, obtain the **Access point name** from your wireless service provider. Also, check if the GPRS/3G network requires a user name and password.

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **Connections** tab, tap **Connections**.
3. In **My ISP**, tap **Add a new modem connection**.
4. On the Make New Connection screen, enter a name for the connection.
5. In the **Select a modem** list, select **Cellular Line (GPRS , 3G)**, then tap **Next**.





6. Enter the Access point name, then tap **Next**.
7. Enter the user name and password, if required, then tap **Finish**.

Notes

- To view help information for any screen, tap the help icon ( ).
- To modify your connection settings, tap **Manage existing connections** and then tap **Edit**.

Dial-up

To set up a dial-up connection to your Internet Service Provider (ISP) on your device, you need the same settings that you normally use when you dial up from your computer. This includes the ISP server phone number, your user name and password.

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **Connections** tab, tap **Connections**.
3. In **My ISP**, tap **Add a new modem connection**.
4. In the **Select a modem** list, select **Cellular Line**, then tap **Next**.
5. Enter the ISP server phone number, then tap **Next**.
6. Enter your user name, password, and any other information required by your ISP, then tap **Finish**.

8.2 Starting a Data Connection

After setting up a data connection such as GPRS/3G or ISP dial-up on your device, you can now connect your device to the Internet. The connection is started automatically when you begin using a program that accesses the Internet such as Opera Mobile.

To manually start a data connection

If you have set up multiple types of data connections on your device, you can manually start a connection.

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **Connections** tab, tap **Connections**.
3. Tap **Manage existing connections**.
4. Tap and hold the name of the desired connection, then tap **Connect**.

To disconnect active data connections

1. Tap **Start > Programs > Comm Manage**r.
2. Tap the **Data Connection** button.

Note You cannot reconnect a data connection in Comm Manager.

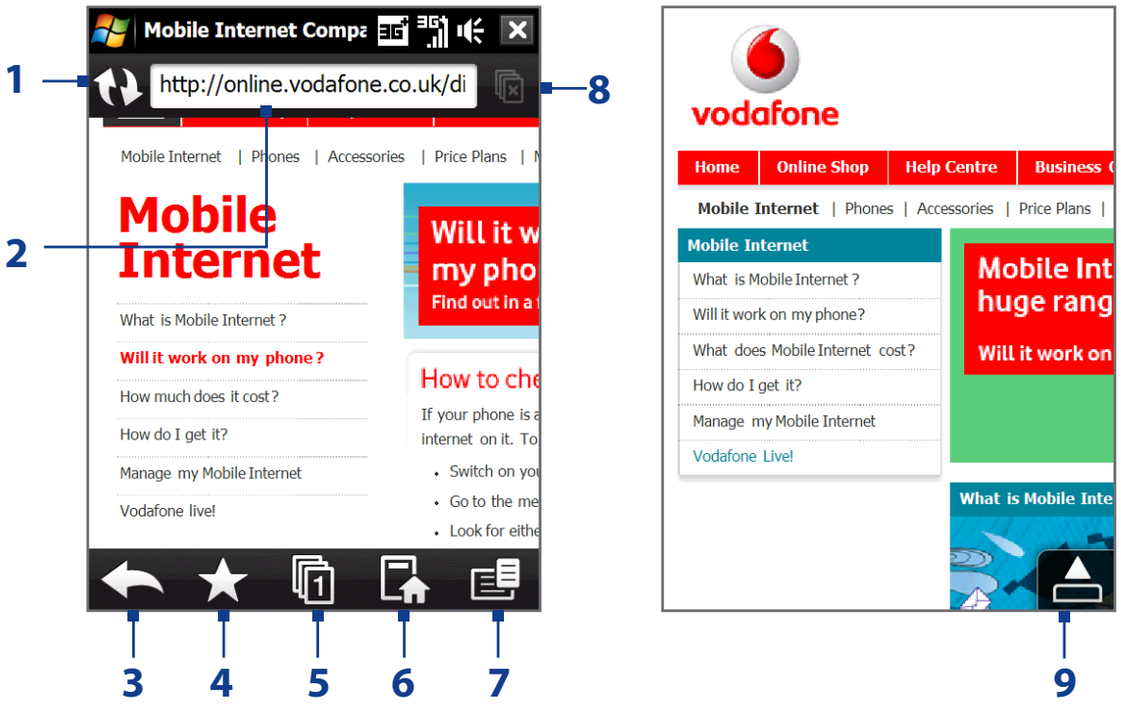
8.3 Using Opera Mobile™

Opera Mobile™ is a full-featured Internet browser, optimised for use on your device.

Note You can also use Internet Explorer® Mobile to browse the web. To open Internet Explorer Mobile, tap **Start > Internet Explorer**.

To open Opera Mobile

On the Home screen, slide to the **Internet** tab and then tap **Browser**.



1 **Refresh**. Tap to reload the web page being viewed.

2 **Address bar**. Enter the URL of the web site here.

3 **Back**. Tap to go back to the previous web page viewed.

4 **Bookmarks**. Tap to go to the Bookmarks screen where you can add a bookmark, edit bookmarked web pages, and send a bookmarked URL link via one of the Messaging accounts.

5 **Tabs**. Tap to add a new browsing tab or switch to another existing browsing tab.

6 **Home**. Tap to go to the Home page.

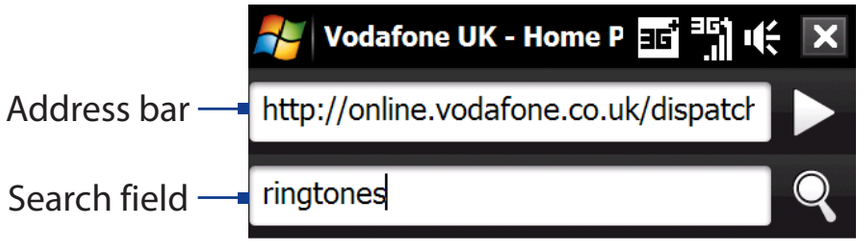
7 **Menu**. Tap to open a list where you can change Opera Mobile settings, check downloads, view History, and more.

8 **Close tab**. Tap to close the current tab. This is only enabled if you have more than one tab opened.

9 **Exit Full Screen mode**. When browsing the web, Opera Mobile automatically switches to Full screen mode. Tap to show the address and Menu bars again.

To go to a web site

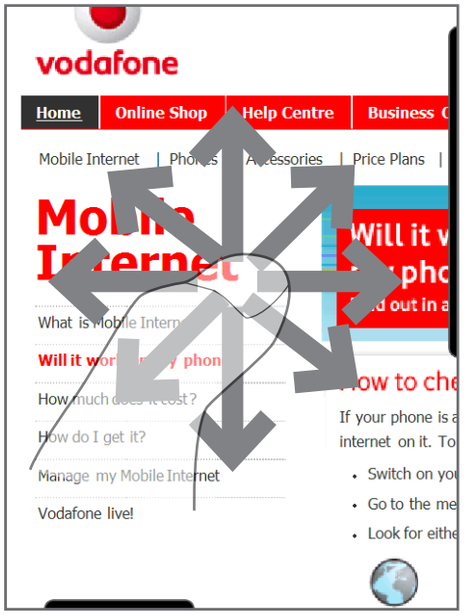
1. On the Opera Mobile screen, tap the address bar.
2. Enter the URL address and tap .



Tip When you tap the address bar, a search field also appears. Quickly search the web by entering the search item and tapping .

View web pages

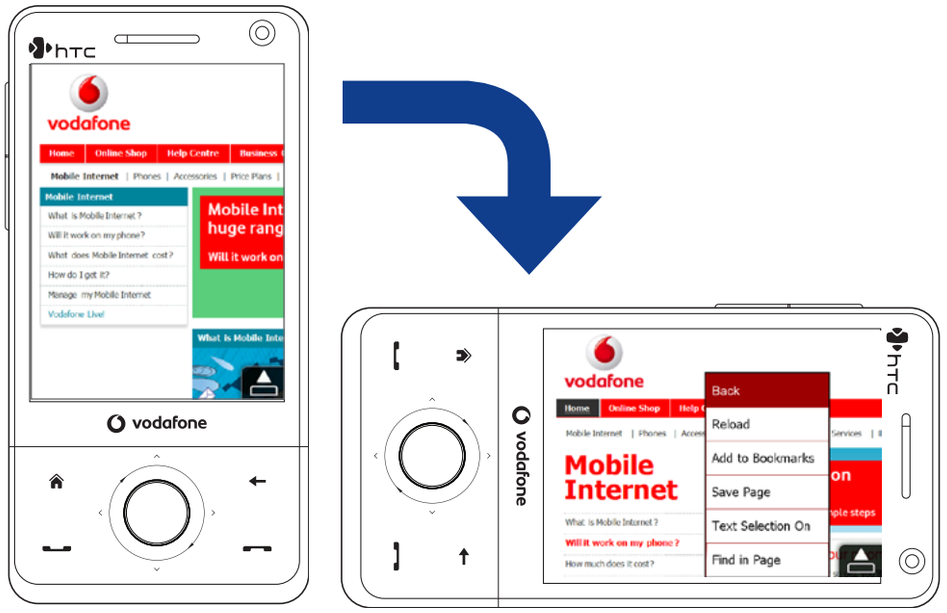
While browsing web pages, use finger gestures to pan and zoom on the web page. To zoom in, tap your finger twice on the screen. To zoom out, tap your finger twice on the screen again.



Tip Touch and hold an empty area on a web page to open a shortcut menu that lets you go back to the previous page, reload the page, add the page as a Favorite, and more. You can also tap and hold a link or image on a web page to open a menu with different options.

To change the screen orientation

Change the screen orientation by simply turning your device sideways.



Opera Mobile menu

On the menu bar, tap  to open the menu.



Tap to open the Settings screen where you can set the default home page, change display settings, set privacy settings, and more.

Tap to view items being downloaded. You can also resume or stop current downloads.

Tap to view information about the Web page you are browsing.

Tap to see web pages that you have viewed.

Tap to manage and view web pages that you have saved.

Tap to open the Opera Mobile help file.

Tap to close Opera Mobile completely. Opera Mobile will not run in the background.

Note: For more information about using Opera Mobile, go to: http://www.opera.com/products/mobile/

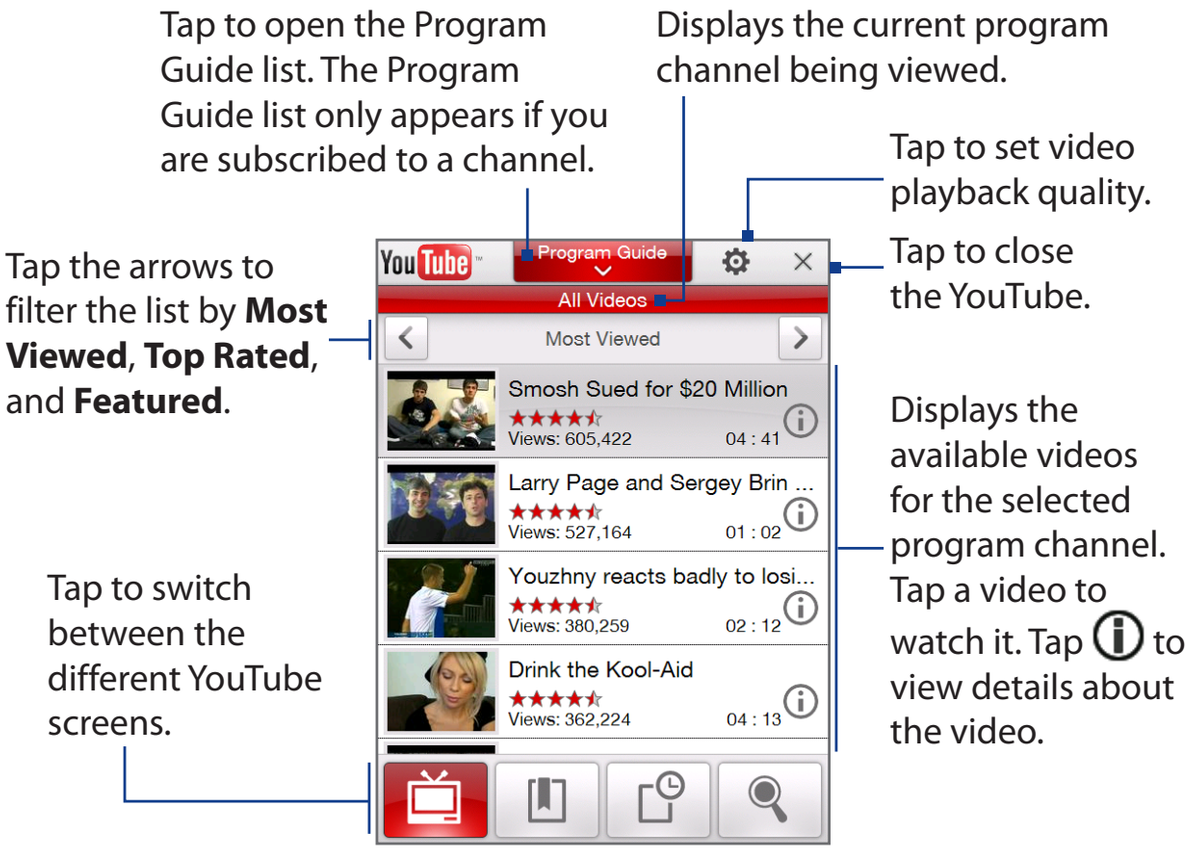
8.4 Using YouTube™

YouTube™ lets you browse, search, and watch video clips from the YouTube server.

Note You need an active connection to use YouTube. If you are using a GPRS/3G connection, your data connection bill may increase significantly due to large file sizes of the videos.

To open YouTube

Tap **Start** > **Programs** > **YouTube**.

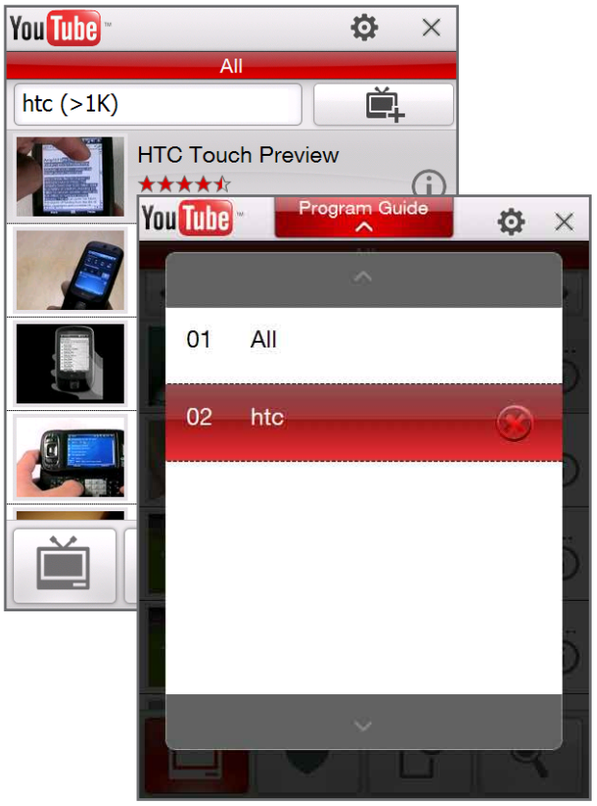

Tap to open the Program Guide list. The Program Guide list only appears if you are subscribed to a channel.
Displays the current program channel being viewed.
Tap to set video playback quality.
Tap to close the YouTube.
Tap the arrows to filter the list by **Most Viewed**, **Top Rated**, and **Featured**.
Displays the available videos for the selected program channel. Tap a video to watch it. Tap ⓘ to view details about the video.
Tap to switch between the different YouTube screens.
YouTube
Program Guide
All Videos
Most Viewed
Smosh Sued for $20 Million
Views: 605,422
04 : 41
Larry Page and Sergey Brin ...
Views: 527,164
01 : 02
Youzhny reacts badly to losi...
Views: 380,259
02 : 12
Drink the Kool-Aid
Views: 362,224
04 : 13

Browse for videos

The Program Guide list lets you change the program channel so you can browse different types of videos available on the YouTube server. By default, there is only one channel in the Program Guide.

To add a new program channel into the Program Guide list

1. On the YouTube screen, tap .
2. On the **Search** screen, enter the channel you want to add to the Program Guide list.
3. Tap **Search**. YouTube searches for the channel and then displays the available videos from it.
4. Tap and then on the confirmation screen, tap **OK**. The channel you just subscribed to will now be shown when you tap **Program Guide**.



Tip You can also add a YouTube user as a program channel. To add, tap in any of the YouTube screens and then tap .

To change the program channel

1. On the **Videos** screen, tap **Program Guide** at the top of the screen.
2. On the Program Guide list, select a channel.
3. The video list refreshes to display the available videos for the newly selected channel.

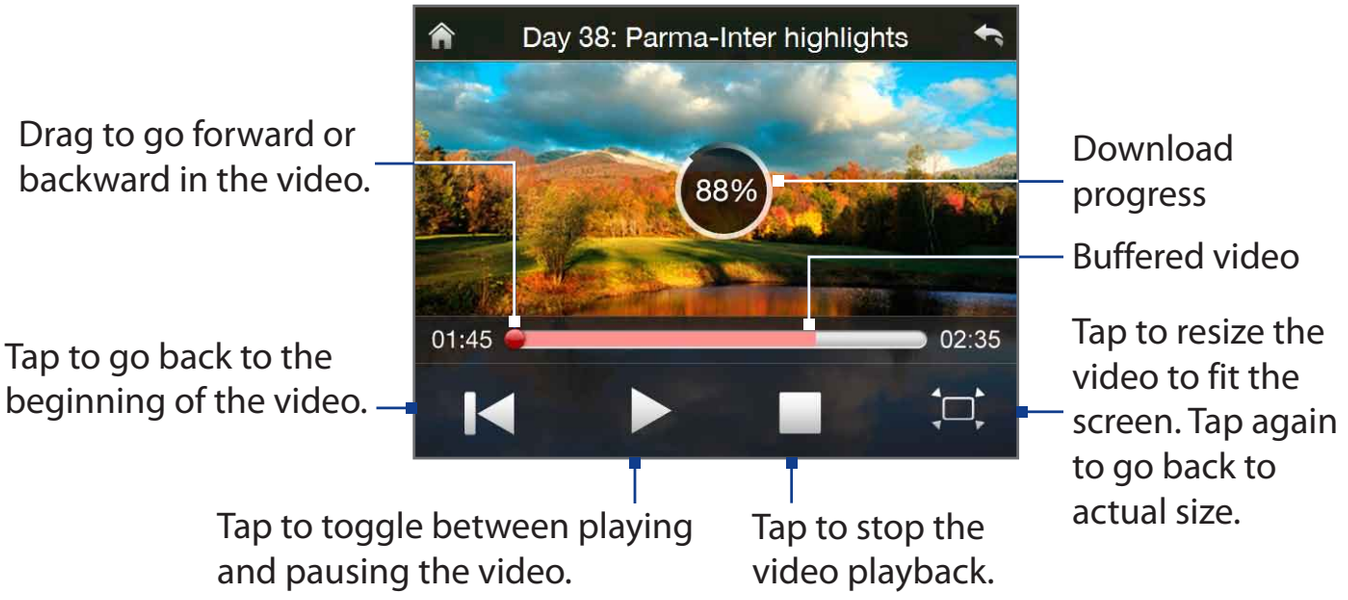
To delete a program channel from the Program Guide list

You can only delete program channels that you have added to the Program Guide list.

1. On the **Videos** screen, tap **Program Guide**.
2. Scroll down to the channel you want to delete and then tap .
3. On the confirmation screen, tap **Yes**.

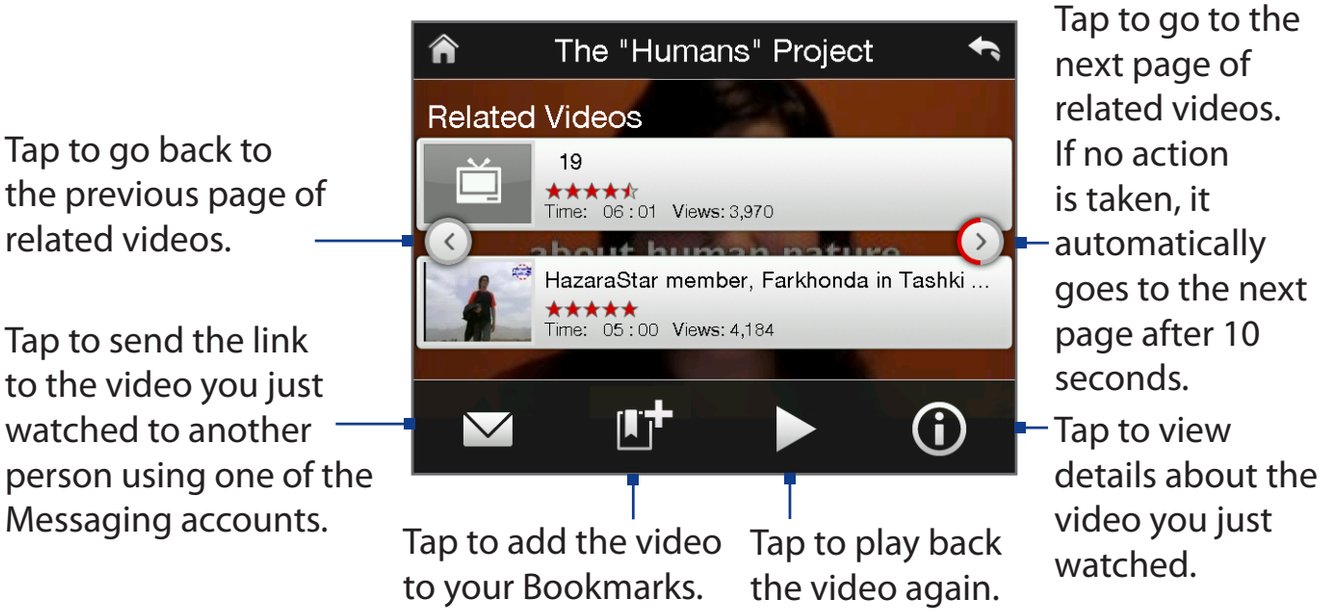
Watching videos

On the Videos, Bookmarks, or History screen, tap a video to launch the YouTube Video Player.

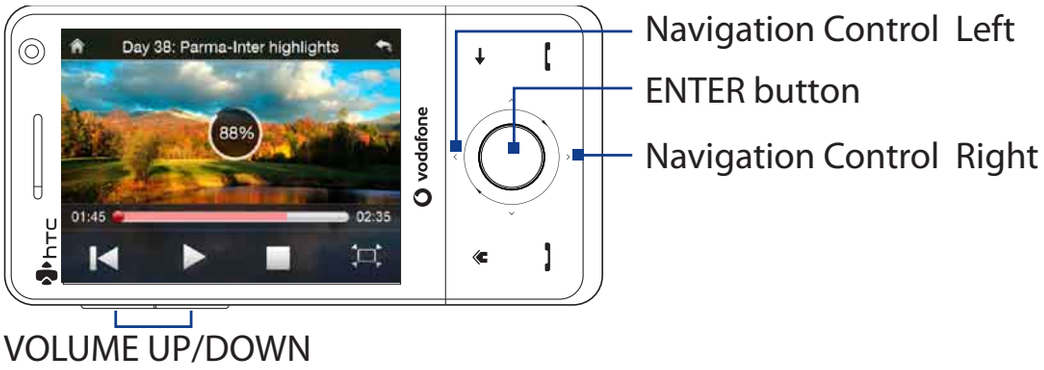

Day 38: Parma-Inter highlights
88%
01:45
02:35
Drag to go forward or backward in the video.
Download progress
Buffered video
Tap to go back to the beginning of the video.
Tap to resize the video to fit the screen. Tap again to go back to actual size.
Tap to toggle between playing and pausing the video.
Tap to stop the video playback.

Tip To adjust the volume, press the VOLUME CONTROLS on the side of the device.

When you tap **Stop** ( ) or finish watching the entire video, you are presented with options on what you can do next.


The "Humans" Project
Related Videos
19
Time: 06 : 01 Views: 3,970
HazaraStar member, Farkhonda in Tashki ...
Time: 05 : 00 Views: 4,184
Tap to go back to the previous page of related videos.
Tap to go to the next page of related videos. If no action is taken, it automatically goes to the next page after 10 seconds.
Tap to send the link to the video you just watched to another person using one of the Messaging accounts.
Tap to view details about the video you just watched.
Tap to add the video to your Bookmarks.
Tap to play back the video again.

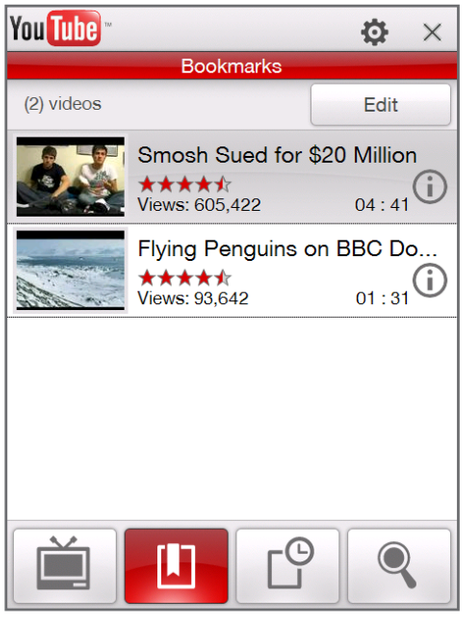
Playback Controls



This control	Does this
ENTER button	Toggle between playing and pausing video playback.
Navigation Control Right (Landscape orientation)	Press and hold to go forward in the video.
Navigation Control Left (Landscape orientat ion)	Press and hold to go back in the video
VOLUME UP/DOWN	Press to adjust the volume.

Bookmarks

You can store frequently viewed videos into Bookmarks for quick access.



To view Bookmarks

On the YouTube screen, tap . Tap a video to watch it.

To add a video into Bookmarks

Do one of the following:

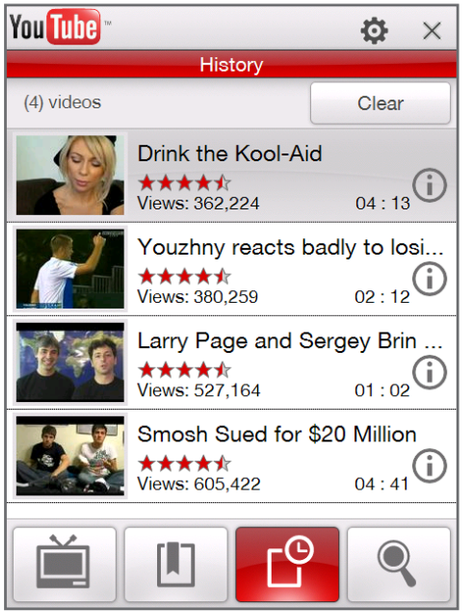
- After watching a video, tap .
- On the list of videos, tap on the video you want to add to Bookmarks and then tap

To delete a video from Bookmarks

1. On the **Bookmarks** screen, tap **Edit**.
2. Tap ⊗ on the video you want to remove from Bookmarks.
3. On the confirmation screen, tap **Yes**.
4. Tap **Done**.

History

View recently watched videos on the History screen.



To view History

On the YouTube screen, tap . Tap a video to watch it.

Note To clear the History list, tap **Clear**.

8.5 Using Streaming Media

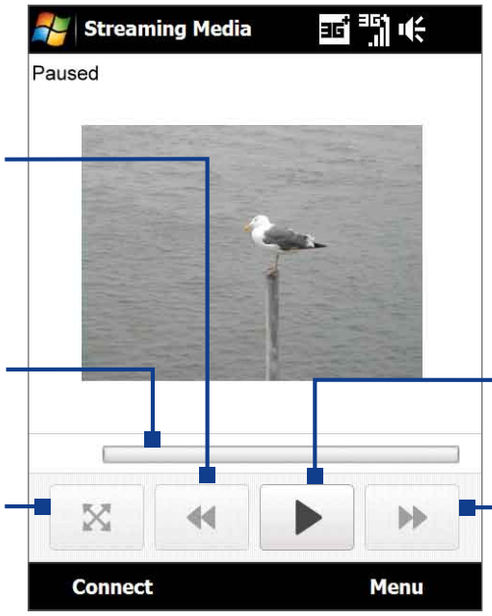
Streaming Media lets you stream live broadcasts or on-demand media content from the web. The media is sent in a continuous stream to your device and is played as it arrives, along with the audio.

The Streaming Media program allows you to play **3GP** and **MPEG-4** files. It also supports playback of **SDP** (Session Description Protocol) files.

To access streaming content via Opera Mobile

In Opera Mobile, you can open a web page containing RTSP (Real Time Streaming Protocol) links to streaming media content then play the content in the Streaming Media program.

1. On the Home screen, slide to the **Internet** tab and tap **Browser**.
2. In the address bar, enter the URL address of the web page that contains the RTSP link to the desired *.3gp, *.mp4, or *.sdp file.
3. On the web page, tap the RTSP link.
4. Streaming Media then automatically opens and starts playing the file. During playback, use the button controls to play/pause, switch to full screen, rewind, and fast forward.


Streaming Media
Paused
Connect
Menu
Rewind
Drag to go backward or forward on the video.
Tap to switch to full screen mode. In full screen mode, tap the screen to switch back.
Tap to toggle between playing or pausing the video playback.
Fast forward

To stream media files directly on the Streaming Media Player

Streaming Media only supports RTSP links when you stream *.3gp and *.mp4 files directly on the program.

Note Before you launch the Streaming Media program, make sure that you are connected to the Internet.

1. Tap **Start > Programs > Media > Streaming Media**.
2. From the program, tap **Connect**.
3. Enter the URL for the web site (rtsp://) and the file name.
4. Tap **Connect**.
5. Streaming Media then starts playing the file. During playback, use the button controls to play/pause, switch to full screen, rewind, and fast forward.

To view streaming video information

Tap **Menu > Properties** to view the properties and general information of a streaming video clip, such as video codec, audio codec, dimension, frames, and duration of the video.

To configure streaming video connection settings

Tap **Menu > Options** to configure the following settings:

- **Media buffer**. Specify the memory space (in terms of duration) to allot for storing video and audio data while streaming media.
- **Connect via**. Choose whether you want to connect to the Internet or corporate network (intranet) to locate a streaming video clip.
- **UDP port range**. Specify a range of port numbers to use for streaming.

8.6 Using Windows Live™

Windows Live™ gives you a full Internet experience on your device. Windows Live™ helps you to find information, pursue your interests, and get in touch with friends and family on the Internet easier.

Windows Live™ offers the following key features:

- **Live Search Bar**, which lets you search for information on the web.
- **Live Messenger**, the next generation of MSN Messenger Mobile.
- **Live Mail**, the next generation of Hotmail.
- **Live Contacts**, your address book for storing Live Mail, Live Messenger and Hotmail contacts.

Set up Windows Live™

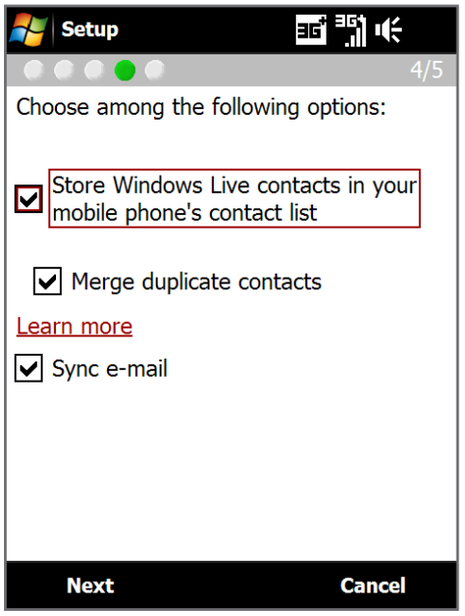
The first time you use Windows Live™, sign in using your Windows Live™ ID, which is your Windows Live™ Mail or Hotmail address, and password.

To set up Windows Live™ for the first time

1. Tap **Start** > **Programs** > **Windows Live** and then tap **Sign in to Windows Live**.
2. Tap the links to read the Windows Live™ Term of Use and the Microsoft Privacy Statement. After reviewing them, tap **Accept**.
3. Enter your Windows Live™ Mail or Hotmail address and password, select the **Save password** checkbox, then tap **Next**.
4. Tap **Next**.
5. Choose what information you want to sync online with your device.

If you select **Store Windows Live contacts in your mobile phone's contact list**, your Windows Live™ contacts will be added to the contact list and to Windows Live™ Messenger on your device.

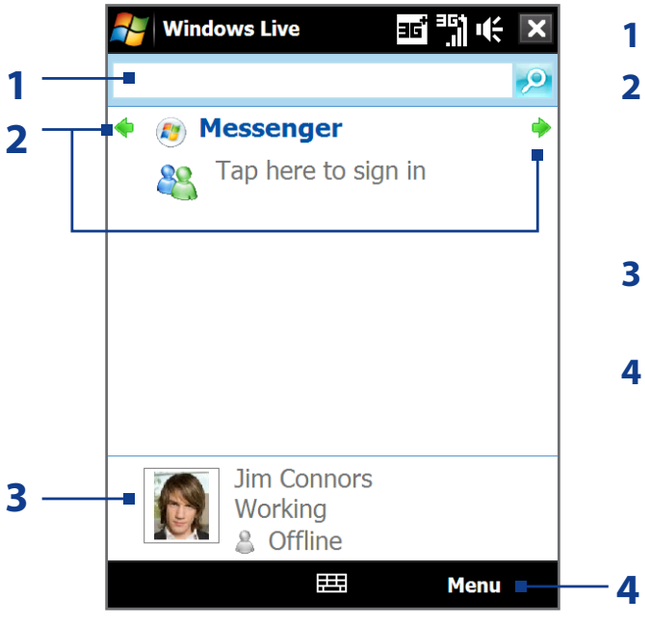
If you select **Sync e-mail**, your Windows Live™ Mail or Hotmail inbox messages will be downloaded to your device.



6. Tap **Next**.
7. After synchronisation is complete, tap **Done**.

The Windows Live™ interface

On the Windows Live™ main screen, you will see a search bar, navigation buttons, and an area where you can show and customise your profile.



1 Search bar

2 Navigation buttons. Tap the left or right arrow to switch between Windows Live™ Messenger, Windows Live™ Mail, and Sync status.

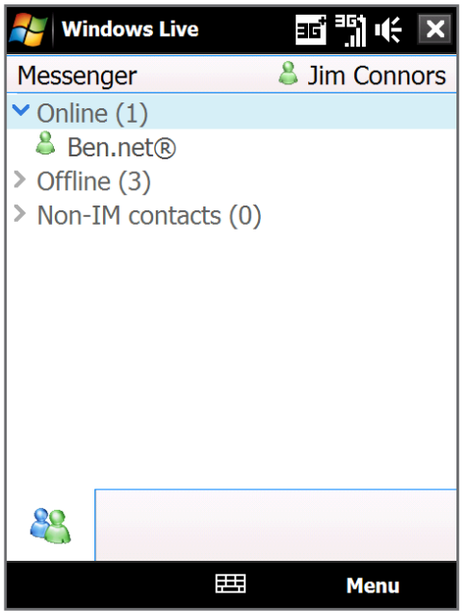
3 Tap to change the display name, picture, or personal message.

4 Tap **Menu** to access and change settings.

Windows Live™ Messenger

With this mobile version of **Windows Live™ Messenger**, you enjoy many of the same cool features that you get from the desktop version, which include the following:

- Instant messaging via text and voice
- Multiple conversations
- Insert emoticons
- Contact list with presence
- Send and receive files including photos
- Change status/display name
- View contacts by online status, groups, and more
- Send messages even when a contact is offline



Note Before you can use Windows Live™ Messenger, your device must be connected to the Internet. For information about setting up an Internet connection, see "Ways of Connecting to the Internet" in this chapter.

Launch Messenger and sign in

To open Windows Live™ Messenger

Do one of the following:

- Tap **Start > Programs > Messenger**.
- On the Windows Live™ main screen, tap the left or right arrow until you see **Messenger**, then tap it.

To sign in and out

1. Tap **Sign in** on the Messenger screen.
2. If this is your first time to sign in, a message appears to inform you that your messenger contacts will be added to the contact list on your device. Tap **OK** to add them. Signing in may take several minutes, depending on your connection speed.
3. To sign out, tap **Menu > Sign Out**.

To start and end conversations

1. In the contact list, select a contact, then tap **Send IM** to open a message screen.
2. Enter your text message in the text entry area of the message screen.
3. To add an emoticon, tap **Menu > Add emoticon** then tap an icon from the list.
4. Tap **Send**.
5. To end a conversation with the current contact, tap **Menu > End conversation**.

Tips

- To send a file, tap **Menu > Send**. You can choose to send a picture, voice clip or any file.
- To invite one or more contacts to the conversation, tap **Menu > Options > Add participant**.
- To send a voice message, tap Voice Clip on a message screen then start talking. After you have recorded a message, tap **Send**.

Add Windows Live™ contacts

You can add new Windows Live™ contacts in Windows Live™ Messenger or in Contacts.

To add a Windows Live™ contact in Live Messenger

1. Tap **Menu > Add new contact**.
2. Enter the email address of the contact, then tap **OK**.

To add a Windows Live™ contact in Contacts

1. On the Home screen, slide to the **People** tab and then tap **All People**.
2. Tap **New**, then tap **Windows Live**.
3. In the **IM** box, enter the email address of the contact, which can be a Windows Live ID or any other email address.

   Tip You can fill in other information about the contact, if desired. This is not necessary if you will communicate with the contact only through Windows Live™ Messenger or Live Mail.
4. Tap **OK**.
5. Follow the remaining instructions to add the new contact to your Windows Live™ contact list.

8.7 Using Your Device as a Modem (Internet Sharing)

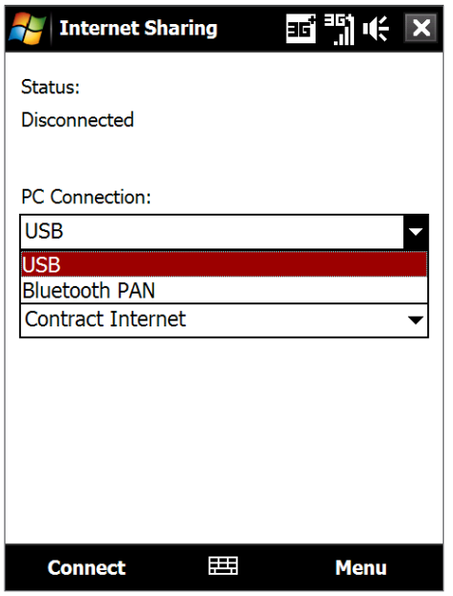
Internet Sharing connects your desktop or notebook computer to the Internet by using your device's data connection (GPRS or EDGE, for instance). You can choose to connect via USB or Bluetooth.

Notes

- Make sure your device has a SIM card installed, and your device has a GPRS/3G or phone dial-up modem connection. If your device has not been set up with a data connection yet, tap **Menu > Connection Settings** on the Internet Sharing screen. For more information about setting up these connections, see "GPRS/3G" and "Dial-up" in this chapter.
- If you want to use a USB cable connection, you must first install Windows Mobile Device Center or Microsoft ActiveSync version 4.5 or later on the computer.
- If want to use a Bluetooth connection, make sure your computer has built-in Bluetooth capability. If your computer does not have Bluetooth, you can connect and use a Bluetooth adapter or dongle.
- Before using Internet Sharing, disconnect from Windows Mobile Device Center or ActiveSync on your computer.

To set up your device as a USB modem

1. On your device, tap **Start** > **Programs** > **Tools** > **Internet Sharing**.
2. In the **PC Connection** list, select **USB**.
3. In the **Network Connection** list, select the name of the connection that your device uses to connect to the Internet.
4. Connect your device to the computer using the USB cable.
5. Tap **Connect**.



To use your device as a Bluetooth modem

For the computer to use the Internet connection of your device, activate Internet Sharing on your device, then set up a Bluetooth Personal Area Network (PAN) between the computer and your device.

1. On your device, turn on Bluetooth and set it to visible mode by following the steps in "To turn Bluetooth on and make your device visible" section in Chapter 9.
2. Initiate a Bluetooth partnership from your device by following the steps in "To create a Bluetooth partnership"
3. Tap **Start** > **Programs** > **Tools** > **Internet Sharing**.
4. Select **Bluetooth PAN** as the **PC Connection**.
5. From the **Network Connection** list, select the name of the connection that your device uses to connect to the Internet.
6. Tap **Connect**.
7. On your computer, set up a Bluetooth Personal Area Network (PAN) with your device:

For Windows Vista:

a. Click **Start > Control Panel > Network and Internet > Network and Sharing Center**.

b. Click **Manage network connections** and then under **Personal Area Network**, double-click **Bluetooth Network Connection**.

c. In the Bluetooth Personal Area Network Devices dialog box, select your device, then click **Connect**.

For Windows XP:

a. Tap **Start > Control Panel > Network Connections**.

b. Under **Personal Area Network**, click the **Bluetooth Network Connection** icon.

c. Under **Network Tasks**, click **View Bluetooth network devices**.

d. In the Bluetooth Personal Area Network Devices dialog box, select your device, then click **Connect**.

Note If the Bluetooth adapter or dongle on your computer was installed using a third-party provided driver, open the Bluetooth software that came with the Bluetooth adapter/dongle to connect your computer and device via Bluetooth. Refer to the Bluetooth adapter/dongle documentation for more information.

8. On the Internet Sharing screen on your device, check if a connected status message is displayed, which indicates that your computer has been successfully connected to the Internet using your device as a Bluetooth modem.

To end the Internet connection

On the Internet Sharing screen, tap **Disconnect**.

8.8 Using RSS Hub

RSS Hub is an RSS reader that keeps you up-to-date with the latest news from the Internet. It monitors Internet news channels and downloads the most current news updates and podcasts so you are instantly informed of breaking news and events.

For more information and tips on using RSS Hub, see Help on your device.

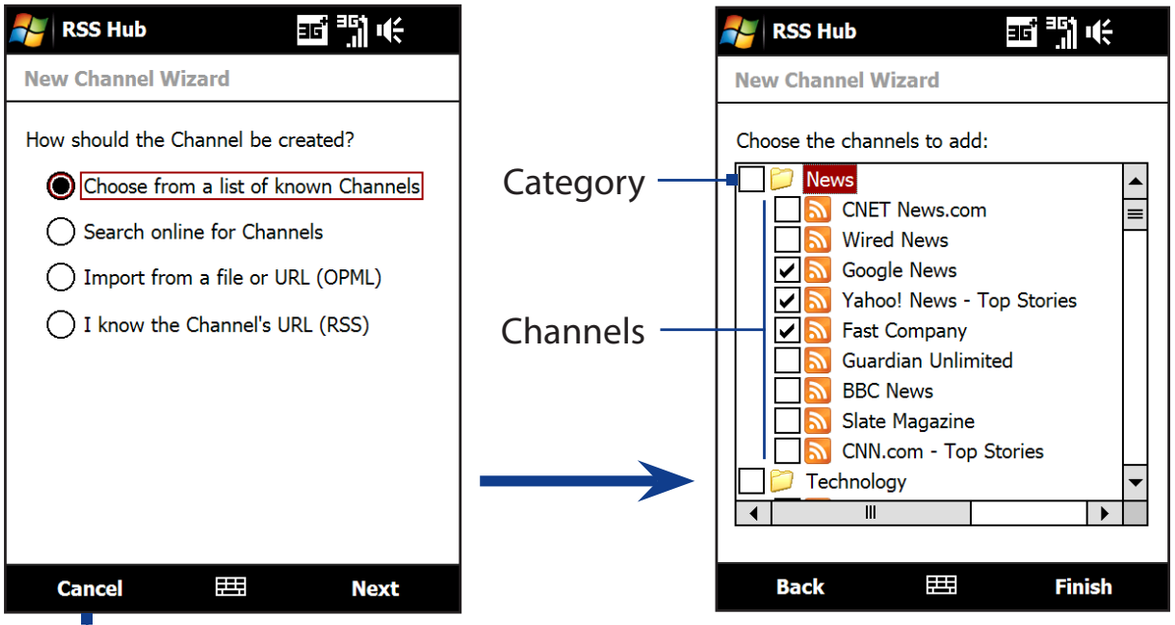
Note Make sure you have an active Internet connection (such as EDGE or GPRS) before using RSS Hub.

Subscribe to and organise news channels

You must subscribe to news channels before you can receive RSS feeds.

To subscribe to news channels

1. Tap **Start > Programs > RSS Hub**, then tap **Continue**.
2. In the New Channel Wizard screen, select the **Choose from a list of known Channels** option, then tap **Next**. A list of RSS channels is displayed.



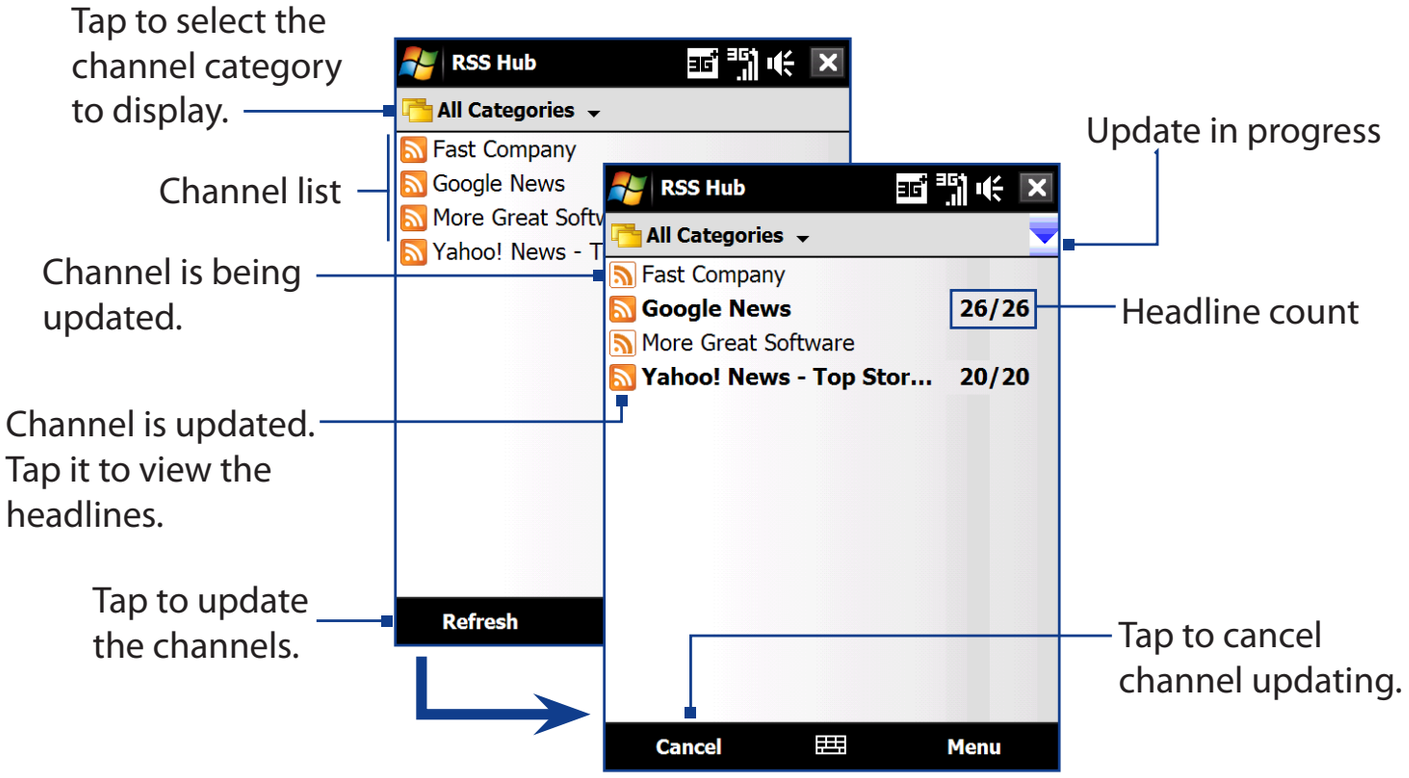
Tap to load pre-selected RSS channels.

Note If the RSS channel you want to subscribe to is not in the list of known channels, tap Back, then select another option on the New Channel Wizard screen. For more information on these other options, see the Help on your device.

3. Select the checkboxes of the RSS channels you want to subscribe to, then tap **Finish**.

   Tip Channels are grouped by categories. If you want to select all channels in a category, select the category check box.

4. The channel list appears. Tap **Refresh** to update the channels.



To add new channels

1. In the channel list, tap **Menu > Channel > New** to open the New Channel Wizard screen.
2. Select an option, then follow screen instructions to add new channels. For more information on New Channel Wizard options, see Help on your device.

To filter the channels in the display

In the channel list, tap **Menu > View**, then select:

- **Updated** to display only those channels with unread headlines.
- **All** to display all subscribed channels.

Manage channel categories

To view all the channels in a particular category, tap **All Categories** in the upper left area of the channel list, then tap the category you want to display.

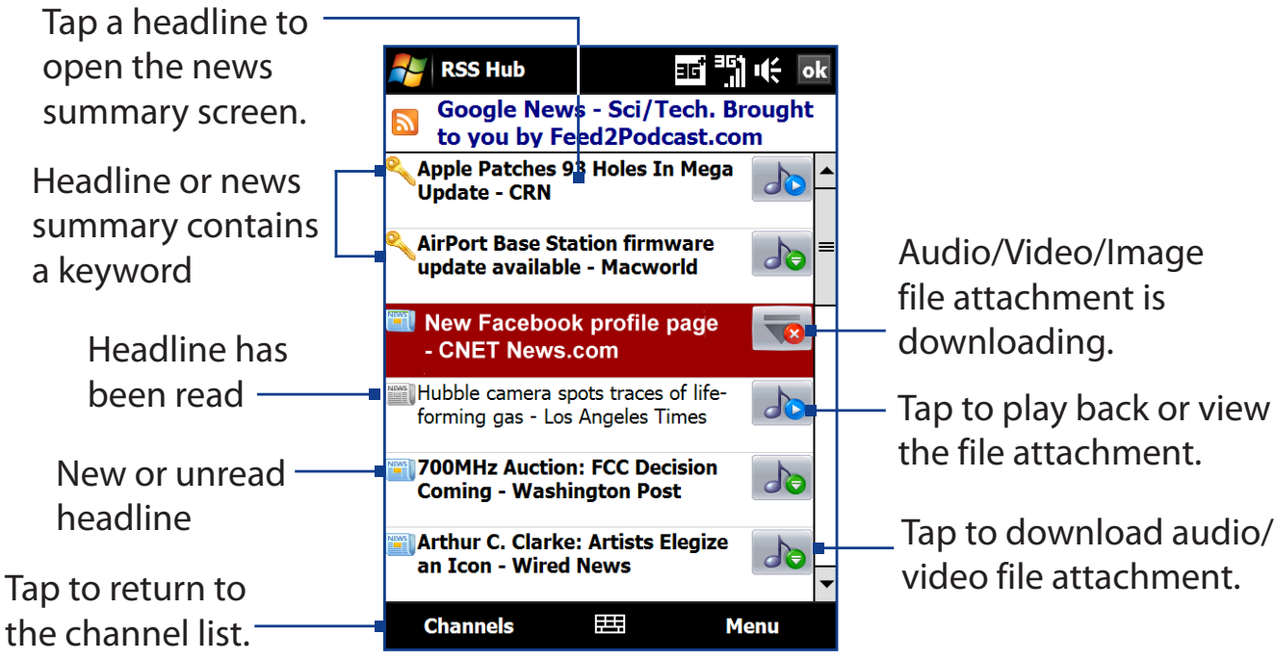
To add a new category, tap **Menu > Categories** in the channel list to display all categories, then tap **Menu > New**.

To rename or delete a category, tap **Menu > Categories** in the channel list to display all categories, select a category, then tap **Menu > Rename** or **Menu > Delete**.

If you want to change the channel category, tap and hold the channel in the channel list, then tap **Change Category**. Select a new category and tap **OK**.

View and organise headlines

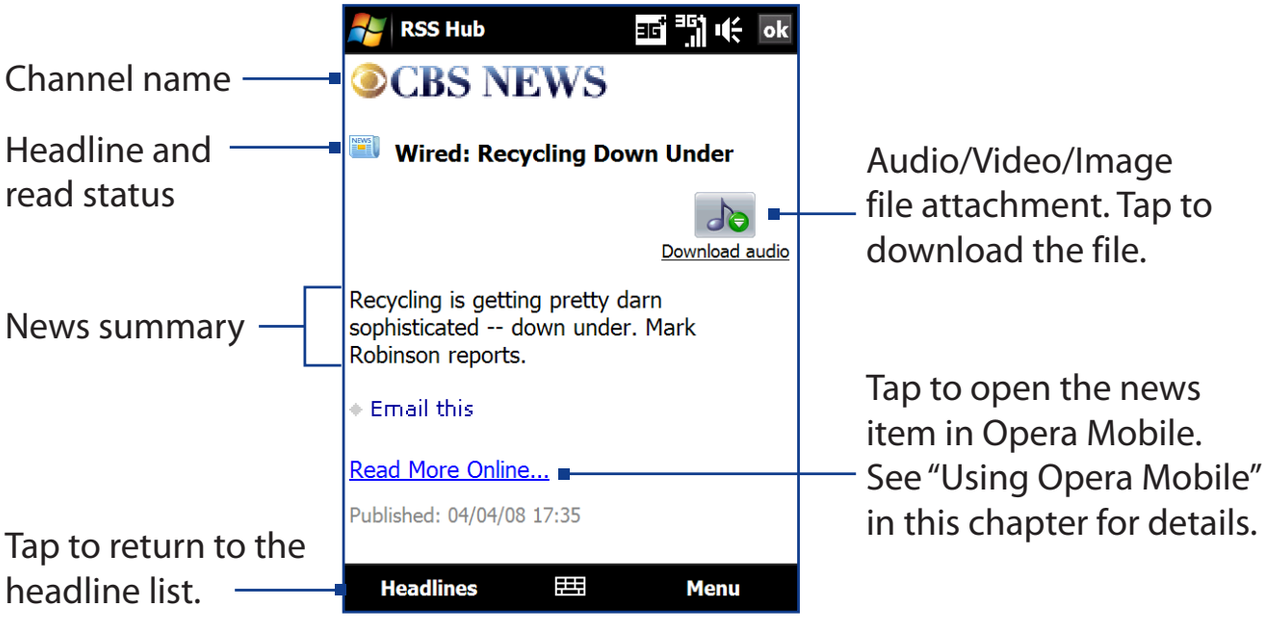
Tap a channel in the channel list to display the headlines for that channel.


Tap a headline to open the news summary screen.
Headline or news summary contains a keyword
Headline has been read
New or unread headline
Tap to return to the channel list.
RSS Hub
ok
Google News - Sci/Tech. Brought to you by Feed2Podcast.com
Apple Patches 93 Holes In Mega Update - CRN
AirPort Base Station firmware update available - Macworld
New Facebook profile page - CNET News.com
Hubble camera spots traces of life-forming gas - Los Angeles Times
700MHz Auction: FCC Decision Coming - Washington Post
Arthur C. Clarke: Artists Elegize an Icon - Wired News
Channels
Menu
Audio/Video/Image file attachment is downloading.
Tap to play back or view the file attachment.
Tap to download audio/video file attachment.

New or unread headlines display in bold and are marked with a blue newspaper icon. Headlines that have been read are marked with a gray newspaper icon.

View the news summary

Tap a headline in the headline list to display the news summary.


Channel name
Headline and read status
News summary
Tap to return to the headline list.
RSS Hub
ok
CBS NEWS
Wired: Recycling Down Under
Download audio
Recycling is getting pretty darn sophisticated -- down under. Mark Robinson reports.
Email this
Read More Online...
Published: 04/04/08 17:35
Headlines
Menu
Audio/Video/Image file attachment. Tap to download the file.
Tap to open the news item in Opera Mobile. See "Using Opera Mobile" in this chapter for details.

To change view options

In the news summary screen, tap **Menu** to change the text size, fit the text to the screen (text wrap), or enable **ClearType** for better viewing.

To download, play, or save podcasts

1. When you see an audio or video file attachment in the news summary, do one of the following to download the file:
   - Tap **Menu > Podcasts > Start Download**.
   - Tap the **Download audio/Download video** link below the audio/video file icon.



Tip To cancel the file download, tap **Menu > Podcasts > Cancel Download**, or tap **Cancel download** below the audio/video file icon.

2. After downloading the file, do one of the following:
   - Tap **Menu > Podcasts > Play** or tap **Play audio/Play video** below the audio/video file icon to play back the file.
   - Tap **Menu > Podcast > Save** to save a copy of the file to the device main memory or storage card.

To send the headline link via email

1. In the news summary screen, tap **Menu > Send Link via Email**.
2. Messaging opens and displays the Account Picker screen. Tap the email account you want to use to send the headline link.

   A new email message is then created with the headline link.
3. Specify the email recipients, then send it.

Note For more information on how to compose emails, see "Using Email" in Chapter 6.

To view the next or previous news summary

In the news summary screen, tap **Menu > Next** or **Menu > Previous**, or press NAVIGATION Left or Right.

For more information about the features and configuring RSS Hub, refer to the online help. To open the online help, tap **Start > Help** while in RSS Hub.

Chapter 9

Bluetooth

9.1 Bluetooth Modes

9.2 Bluetooth Partnerships

9.3 Connecting a Bluetooth Hands-free or Stereo Headset

9.4 Beaming Information Using Bluetooth

9.5 Bluetooth Explorer and Bluetooth File Sharing

9.6 Printing Files via Bluetooth

9.1 Bluetooth Modes

Bluetooth is a short-range wireless communications technology. Devices with Bluetooth capabilities can exchange information over a distance of about eight meters without requiring a physical connection.

Bluetooth on your device operates in three different modes:

- **On**. Bluetooth is turned on. Your device can detect other Bluetooth-enabled devices, but not vice versa.
- **Visible**. Bluetooth is turned on, and all other Bluetooth-enabled devices can detect your device.
- **Off**. Bluetooth is turned off. In this mode, you can neither send nor receive information using Bluetooth.

Notes

- By default, Bluetooth is turned off. If you turn it on, then turn off your device, Bluetooth also turns off. When you turn on your device again, Bluetooth automatically turns on.
- Turn off Bluetooth when not in use to conserve battery power, or in places where using a wireless device is prohibited, such as on board an aircraft and in hospitals.

To turn Bluetooth on and make your device visible

1. On the Home screen, slide to the **Settings** tab and then tap **Menu > Bluetooth Devices > Mode** tab.
2. Select the **Turn on Bluetooth** and **Make this device visible to other devices** check boxes.
4. Tap **OK**. The Title bar will show  to indicate that the device is in Visible mode.

To turn off Bluetooth visibility after a certain period of time

You can automatically turn off Bluetooth visibility after a specified period of time.

1. On the Home screen, slide to the **Settings** tab and then tap **Menu > Bluetooth Devices > Timeout** tab.
2. In **Turn off Visible mode**, select the time before your device's Bluetooth visibility turns off. Tap **OK**.

9.2 Bluetooth Partnerships

A Bluetooth partnership is a relationship that you create between your device and another Bluetooth-enabled device in order to exchange information in a secure manner.

To create a Bluetooth partnership

1. On the Home screen, slide to the **Settings** tab and then tap **Menu > Bluetooth Devices > Devices** tab.
2. Tap **Add new device**. Your device displays the names of other Bluetooth devices within range.
3. Tap the device name in the box, then tap **Next**.
4. Specify a passcode to establish a secure connection. The passcode can be 1 up to 16 characters.
5. Tap **Next**.
6. Wait for the paired device to accept the partnership. The receiving party needs to enter the same passcode that you specified.
7. After the receiving party enters the passcode, a message box appears on your device confirming the partnership.

   Tip Tap **Advanced** to change the paired device name and to set the services you want to use for the paired device. After setting the name and options, tap **Save**.
8. Tap **Done**.

Note Creating a Bluetooth partnership between two devices is a one-time process. Once a partnership is created, the devices can recognise the partnership and exchange information without entering a passcode again.

To accept a Bluetooth partnership

1. Ensure that Bluetooth is turned on and in visible mode.
2. Tap **Yes** when prompted to establish a partnership with the other device.
3. Enter a passcode (the same passcode that is entered on the device requesting the partnership) to establish a secure connection. The passcode must be between 1 and 16 characters.
4. Tap **Next**.
5. Tap **Done**. You can now exchange information with the paired device.

Tips

- To rename a Bluetooth partnership, tap and hold the partnership's name on the **Devices** tab of the Bluetooth screen, then tap **Edit**.
- To delete a Bluetooth partnership, tap and hold the partnership's name on the **Devices** tab, then tap **Delete**.

9.3 Connecting a Bluetooth Hands-free or Stereo Headset

For hands-free phone conversations, you can use a Bluetooth hands-free headset such as a car kit with your device. Your device also supports A2DP (Advanced Audio Distribution Profile) which allows you to use a Bluetooth stereo headset for hands-free phone conversations and for listening to stereo music.

To connect a Bluetooth hands-free or stereo headset

1. Make sure that both your device and the Bluetooth headset are turned on and within close range, and that the headset is visible. Refer to the manufacturer's documentation to find out how to set the headset in visible mode.
2. On the Home screen, slide to the **Settings** tab and then tap **Menu > Bluetooth Devices > Devices** tab **> Add new device**.

3. Tap the name of the Bluetooth headset, then tap **Next**. The device will automatically pair the device with the Bluetooth headset.

Windows Mobile will automatically try one of the preconfigured passcodes (0000, 1111, 8888, 1234) to pair the Bluetooth headset with the device.
If this fails, you have to enter the passcode delivered with your headset manually.

Note If the Bluetooth stereo headset becomes disconnected, turn the headset on and repeat steps 1 to 3 above. Tap and hold the name of the Bluetooth stereo headset and tap **Set as Wireless Stereo**.

9.4 Beaming Information Using Bluetooth

You can beam information, such as contacts, calendar items, tasks, and files from your device to your computer or to another Bluetooth-enabled device.

Note If your computer does not have built-in Bluetooth capability, you need to connect and use a Bluetooth adapter or dongle on your computer.

To beam information from your device to a computer

1. Turn on Bluetooth on your device, and make your device visible. For information about this, see "To turn Bluetooth on and make your device visible".
2. Set Bluetooth on your computer to visible mode, create a Bluetooth partnership, then enable your computer to receive Bluetooth beams.

   Note If the Bluetooth adapter or dongle on your computer was installed using a third-party provided driver, open the Bluetooth software that came with the Bluetooth adapter/dongle and enable the adapter/dongle to be discovered by other devices. Refer to the Bluetooth adapter's documentation for more information.

   If your computer has **Windows Vista** or **Windows XP SP2** and your computer's Bluetooth adapter is supported by your Windows version, do the following steps:

a. On your computer, open **Bluetooth Devices** from the Control Panel, then click the **Options** tab on the **Bluetooth Devices** window.
b. For **Windows Vista**, select **Allow Bluetooth devices to find this computer**.
   For **Windows XP**, select **Turn discovery on** and **Allow Bluetooth devices to connect to this computer**.
c. Create a Bluetooth partnership between your device and computer. For information about creating a partnership, see "Bluetooth partnerships".
d. In the **Options** tab of **Bluetooth Devices**, select **Show the Bluetooth icon in the notification area**.
e. To enable your computer to receive Bluetooth beams, right-click the Bluetooth icon  in the notification area at the bottom-right corner of your computer screen and select **Receive a File**. You are now ready to beam.

3. On your device, select an item to beam. The item can be an appointment in your calendar, a task, a contact card, or a file.
4. To beam a contact, tap **Menu > Send Contact > Beam**.

   To beam other types of information, tap **Menu > Beam [type of item]**.
5. Tap the device name to which you want to send the item.
6. If you beamed a calendar, task, or contact item to your computer and it is not automatically added to Outlook, select **File > Import and Export** in Outlook to import it.

To beam information to a Bluetooth-enabled device such as another Windows Mobile-powered device, follow steps 1 to 5 in the above procedure.

Tips

- The default folder on your computer where beamed items are stored may be C:\Documents and Settings\your_username\My Documents in Windows XP or C:\Users\your_username\My Documents in Windows Vista.
- For your device to receive Bluetooth beams, tap **Start > Settings > Connections** tab **> Beam** and make sure the **Receive all incoming beams** check box is selected.

9.5 Bluetooth Explorer and Bluetooth File Sharing

Bluetooth Explorer searches for other Bluetooth devices that have file sharing enabled and lets you access their Bluetooth shared folder. You can copy files from and to their shared folder, and create subfolders in it. When you enable **Bluetooth file sharing** on your device, other Bluetooth-enabled devices will also be able to access your Bluetooth shared folder.

To enable Bluetooth Explorer and Bluetooth file sharing on your device

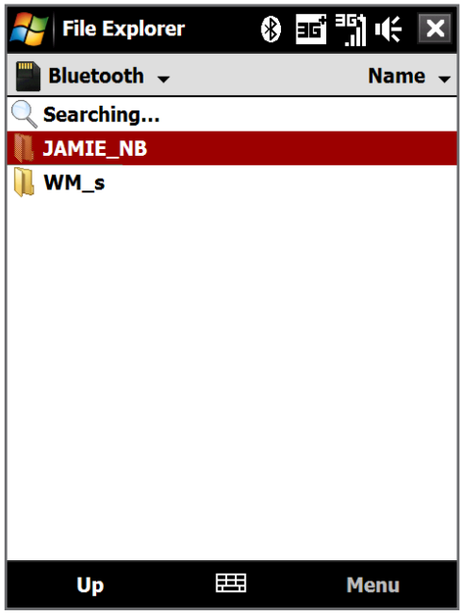
1. On the Home screen, slide to the **Settings** tab and then tap **Menu > Bluetooth Devices > FTP** tab.
2. Select the **Enable Bluetooth Explorer** check box. This makes the **Bluetooth** device folder visible in the File Explorer.
3. Select the **Enable File Sharing** check box.

   You can use the default Bluetooth shared folder, or tap **Browse** to use another folder as your shared folder.
4. Tap **OK**.

To use Bluetooth Explorer

1. Bluetooth Explorer is integrated with the File Explorer program. You can open it by tapping **Start > Programs > Tools > Bluetooth Explorer** or by tapping the down arrow (▼) on the upper left of File Explorer screen then tapping **Bluetooth**.
2. Bluetooth Explorer then scans for other Bluetooth devices that have file sharing enabled. From the list, tap to select a Bluetooth device you want to connect to. You may need to enter a passcode in order for you to connect to the selected device.

   If there are files contained in the Bluetooth shared folder on the other device, you will be able to see them on the Bluetooth Explorer screen.



3. Select one or more files, then tap **Menu > Edit** and choose to cut or copy the files.
4. Tap **Up** twice.
5. Navigate to the folder where you want to paste the files on your device, then tap **Menu > Edit > Paste**.

9.6 Printing Files via Bluetooth

Connect your device to a Bluetooth printer to print contact information, appointment details, images, and other file types.

Note You can print files in the **.txt**, **.jpg**, **.xhtml**, **.vcf**, **.vcs** file formats.

Before you start printing, make sure to turn on the Bluetooth printer and to turn on Bluetooth on your device. To turn on Bluetooth, tap **Start > Programs > Comm Manager**, then tap the **Bluetooth** button.

To print contact information

1. On the Home screen, slide to the **People** tab and then tap **All People**.
2. Select the contact whose information you want to print.
3. Tap **Menu > Print via Bluetooth** > **Menu > Search Devices**. Your device starts to search for Bluetooth devices.
4. Select the Bluetooth printer and tap **Menu > Send File**.
5. Set the printing options you want, then tap **Print**.

To print a calendar appointment

1. Tap **Start > Calendar,** then select (highlight) the appointment whose details you want to print.
2. Follow steps 3 to 5 in the "To print contact information" procedure.

To print a JPEG file

1. In Pictures & Videos, locate the JPEG file you want to print.
2. Tap and hold the JPEG image file and then on the menu, tap **Print via Bluetooth**.
3. Follow steps 3 to 5 in the "To print contact information" procedure:

To print a text file

1. In File Explorer, locate the text file you want to print.
2. Tap and hold the txt file and then on the menu, tap **Print via Bluetooth**.
3. Follow steps 3 to 5 in the "To print contact information" procedure:

Chapter 10

Navigating on the Road

10.1 Google™ Maps

10.2 Guidelines and Preparation for Using GPS

10.3 Downloading Satellite Data via QuickGPS

10

10.1 Google™ Maps

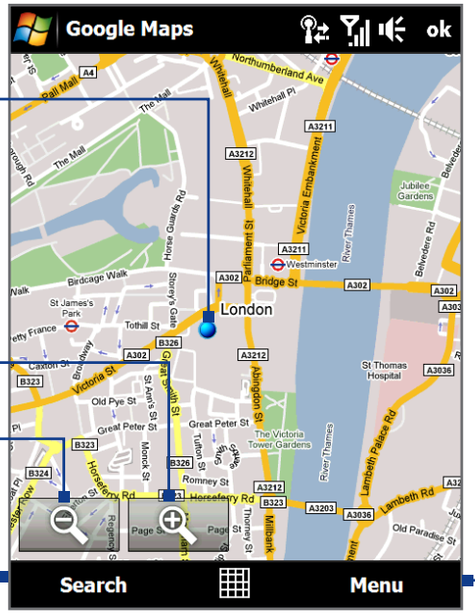
Google™ Maps lets you track your current location, view real-time traffic situations, and receive detailed directions to your destination. It also provides a search tool where you can locate places of interest or an address on a vector or a satellite map.

Note You need an active data connection or Wi-Fi connection to use Google Maps.

Open Google Maps

Tap **Start > Programs > Google Maps**.

Note The first time you open Google Maps, you will be asked to accept the terms and conditions when using Google Maps. You must agree to the terms and conditions before you can proceed.



Your current location.

Tap to zoom in on the map.

Tap to zoom out on the map.

Tap to search for places of interest and addresses.

Tap to open a menu where you can view your current location, get directions, see traffic information, and more.

Notes

- Currently, traffic information is only available for the U.S.
- Tap **Menu > Options > Reset Google Maps** to reset the Google Map cookies, history of search terms, preferences, and image cache.

Tip Tap **Menu > Help > Tips** to learn more about the program and its many features

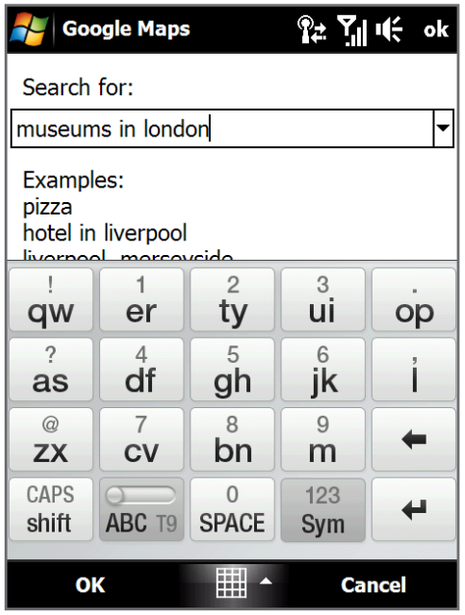
Search for a place of interest

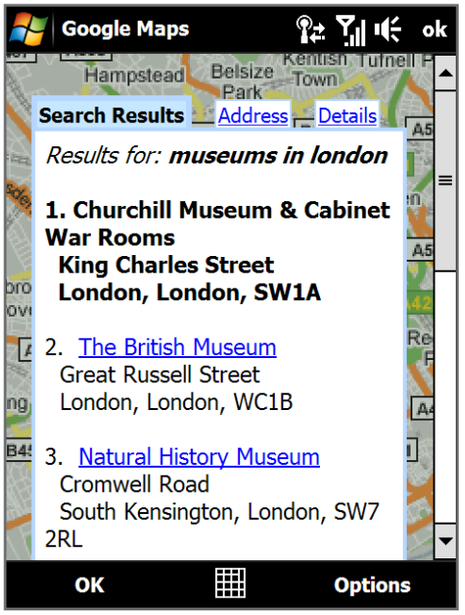
You can search and locate a place of interest using Google Maps. Google Maps also shows the contact information and gives directions on how to get to the place of interest from your current location.

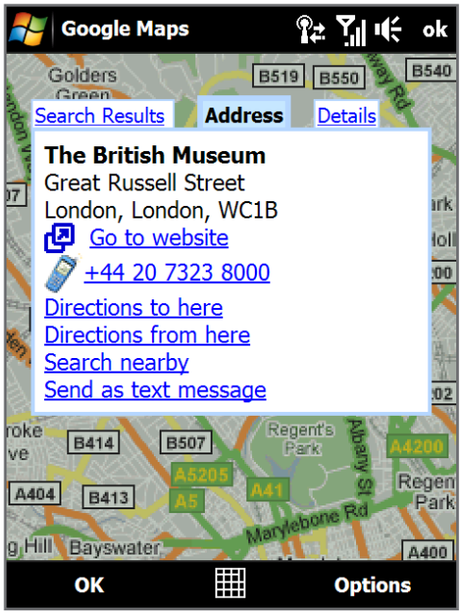
Note You can also search for keywords, addresses, and postal codes.

1. On the Google Maps screen, tap **Search**.
2. Enter the place of interest you want to go to (for example, museums in London), then tap **OK**.
3. On the **Search Results** tab, tap an item to view its contact information.

   Note If the place of interest you want is the first item, just tap the **Address** tab to view the contact information.







4. On the **Address** tab, you can:
   - Tap **Go to web site** to open the web site of the place of interest.

   Note This information only appears when the web site of the place of interest is available.

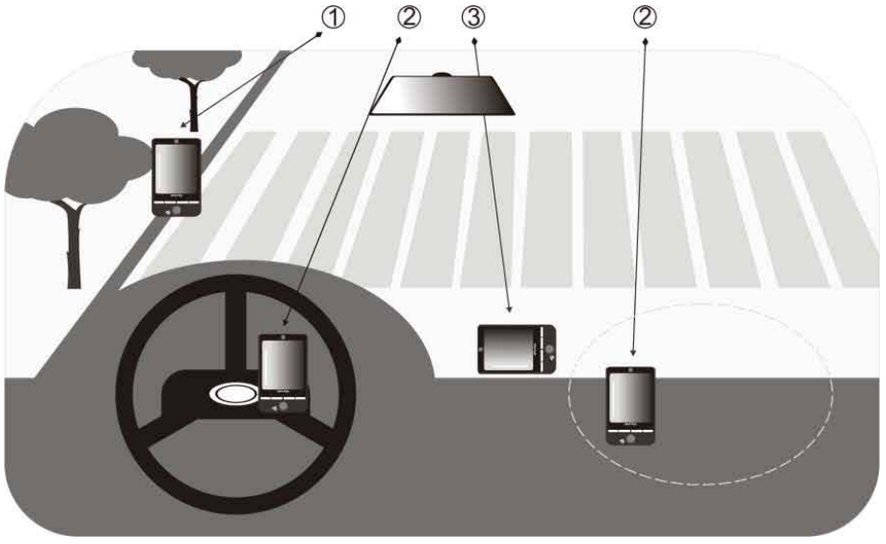
- Tap the **[phone number]** to call the place of interest that you have selected.
- Tap **Directions to here** or **Directions from here** to get directions on how to get to the place of interest from your current location or vice versa.
- Tap **Search nearby** to search for other places of interest near your current location.
- Tap **Send as text message** to send the contact information to a contact saved on your device via SMS.

For more information about Google Maps, go to http://www.google.com/gmm/index.html.

10.2 Guidelines and Preparation for Using GPS

If you install a GPS software on your device, please follow these guidelines before and when using your device as a GPS device.

- Do not operate the GPS system while driving. The plotted GPS route is only for driving reference. It should not interfere with actual driving behaviour.
- When using the device inside a vehicle, use the car holder to mount the device securely in place. Avoid placing the device in the areas shown in the following diagram:



1 Do not place where it will block the driver's vision.

2 Do not place where air bags could deploy.

3 Do not place anywhere in the vehicle without securing the device in the holder.

- Please use the GPS system cautiously. Users shall be liable for any damages resulting from negligent operation of the system.
- The GPS signal cannot pass through solid non-transparent objects. Signal reception may be affected by obstructions such as high-rise buildings, tunnels, bridges, forests, weather (rainy or cloudy days), etc. If the vehicle's visor contains metal, it will be difficult for the GPS signal to pass through.
- Wireless communication products (such as mobile phones or radar-detecting devices) may interfere with the satellite signal, resulting in unstable signal reception.
- The Global Positioning System (GPS) is built and operated by the US Defense Department. The Department is responsible for the accuracy and maintenance of the system. Any changes that the Department makes may affect the accuracy and function of the GPS system.
- Do not leave your device in a vehicle or expose the device to direct sunlight to avoid overheating the battery, which could pose damage to the device or risk to the vehicle.

10.3 Downloading Satellite Data via QuickGPS

Before you start using your device for GPS navigation, open the **QuickGPS** program first to download ephemeris data (current satellite position and timing information) onto your device. This data is needed to determine the GPS position of your current location.

QuickGPS downloads ephemeris data from a web server, instead of from the satellites, using the Internet connection on your device, which can be via Wi-Fi, ActiveSync or GPRS/3G. This significantly speeds up the time for determining your GPS position.

To open QuickGPS

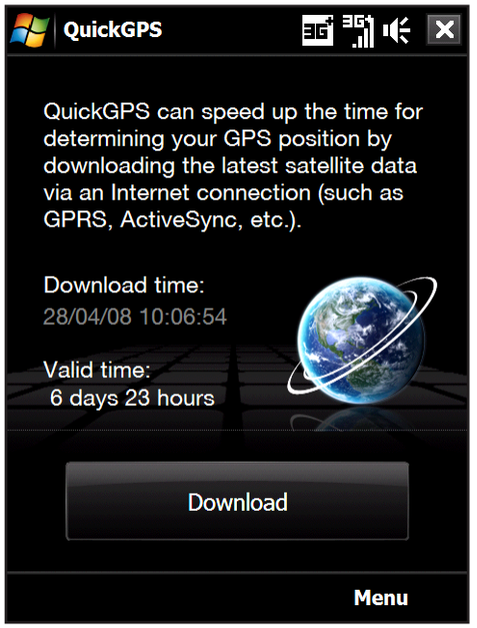
Tap **Start** > **Programs** > **QuickGPS**.

To download data

Tap **Download** on the QuickGPS screen.

On the screen, initially, you will see the **Valid time** of the downloaded data. As time passes, the remaining days and hours of validity will be shown.

To speed up GPS positioning, download the latest ephemeris data when the validity of the data expires.


QuickGPS
QuickGPS can speed up the time for determining your GPS position by downloading the latest satellite data via an Internet connection (such as GPRS, ActiveSync, etc.).
Download time:
28/04/08 10:06:54
Valid time:
6 days 23 hours
Download
Menu

Download options

To configure download times, tap **Menu > Options** and choose from the available options:

- **Remind me when data expires**.
  Enables your device to display a reminder message when the validity of the ephemeris data has expired.

  When you see the reminder message, tap **Menu** to dismiss the reminder or to set the snooze time so that you will be reminded again. Tap **OK** to open the QuickGPS program and download the latest data.
- **Auto download when data expires**. Allows ephemeris data to be automatically updated onto your device when the data has expired.
- **Auto download when connected to PC via ActiveSync**.
  Allows ephemeris data to be automatically downloaded via ActiveSync to your device when your device is connected to your computer. Your computer must be connected to the Internet in order to download data.

  Note The ephemeris data is stored on HTC web servers. QuickGPS is preconfigured to connect to these servers.

Chapter 11

Experiencing Multimedia

11.1 Taking Photos and Videos

11.2 Viewing Photos and Videos Using Album

11.3 Using Windows Media® Player Mobile

11.4 Using FM Radio

11.5 Using Audio Booster

11.1 Taking Photos and Videos

Use **Camera** to take photos and record video clips. You can either use the main (back) camera or second (front) camera to take photos or shoot videos.

To open the Camera screen

On the Home screen, slide to the **Photos and Videos** tab and then tap the camera icon ( ). The screen orientation automatically switches to landscape mode when you open Camera.

Tip You can also tap **Start > Programs > Media > Camera** to open the Camera program.

To exit the Camera

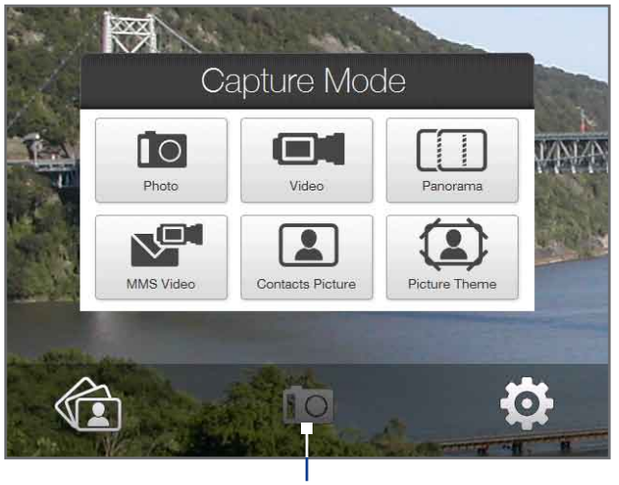
Tap the **Exit** icon ( ) on the Camera screen. Tap the screen to show the Camera screen icons.

Capture modes

The camera on your device allows you to capture pictures and video clips by using various built-in modes that provide you flexibility in taking your shots.

To change the capture mode

- Press NAVIGATION Left or Right (Landscape orientation).
- Tap the middle icon at the bottom of the screen (the icon displayed is based on the current capture mode.)
  On the on-screen menu, tap the capture mode you want to use.



You can select from the following capture modes:

Icon	Capture Mode
	**Photo** Captures standard still images.
	**Video** Captures video clips, with or without accompanying audio.
	**Panorama** Captures a sequence of still images continuously in one direction, and allows stitching of all the images to create a panoramic view of a scenery.
	**MMS Video** Captures video clips suitable for sending with MMS messages.
	**Contacts Picture** Captures a still image and gives you the option to immediately assign it as a Photo ID for a contact.
	**Picture Theme** Captures still images and places them within frames.

Note When using the second camera to capture, you can only use Photo, Video, MMS Video, Contacts Picture, and Picture Theme modes.

Supported file formats

Using the available capture modes, the camera in your device captures files in the following formats:

Capture Mode	Format
Photo / Contacts Picture / Picture Theme / Panorama	JPEG
Video / MMS Video	H.263 (.3gp) ; MPEG-4 (.mp4)

Camera controls

The camera comes with an auto-focus function to let you capture sharp and crisp photos and videos of your subjects. Depending on the **Shoot Option** you have chosen, you will need to either touch or press the ENTER button to activate auto-focus. When auto-focus is activated, it is indicated by a flashing white bracket ( ). When focus is set, the bracket changes to a steady green bracket ( ).

Note For more information about the different shoot options, see "Advanced Options" in this chapter.

By default, you need to touch (do not press) the ENTER button to activate auto-focus and then when focus is set, press the ENTER button to take the shot or start capturing video. For example, in Photo mode, touch ENTER to activate auto-focus; when focus is set, press ENTER to take the shot.

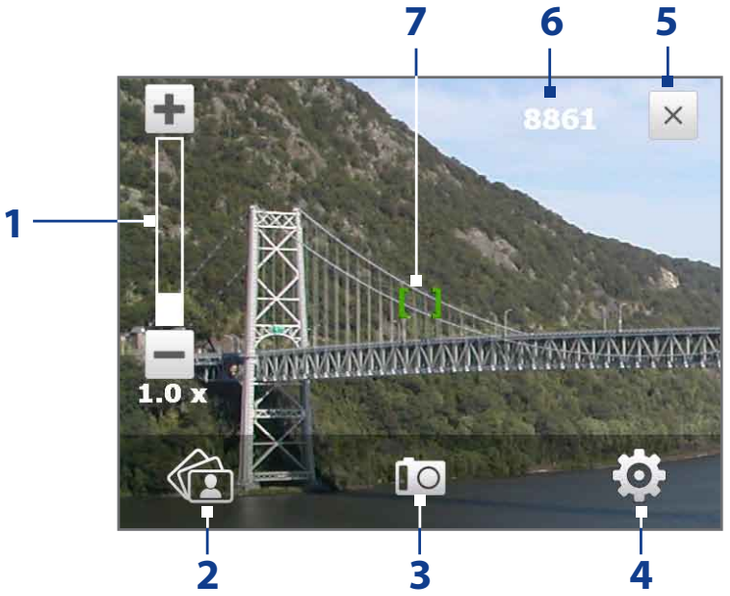
Notes

- In **Video** or **MMS Video** mode, stop capturing video by pressing ENTER.
- In **Picture Theme** or **Panorama mode**, touch and then press ENTER for each shot you need to take.

On-screen controls and indicators

Tap the screen to display the controls and indicators.

Photo, Video, MMS Video, and Contacts Picture modes



When capturing in Video and MMS Video modes



1 **Zoom control**. Tap + to zoom in, or − to zoom out.

Tip You can also press NAVIGATION Up/Down (Landscape orientation) or slide your finger clockwise or anti-clockwise on the centre Navigation Control to zoom in or out.

2 **Album**. Tap to open Album. See "Viewing Photos and Videos Using Album" for details.

3 **Capture mode**. Displays the current capture mode. Tap to open an on-screen menu where you can choose the capture mode.

4 **Menu**. Tap to open the Camera Settings screen. See "Menu Panel" for details.

5 **Exit**. Tap to exit the Camera program.

6 **Remaining information indicator**. In Photo, Contacts Picture, Picture Theme, and Panorama modes, this shows the remaining/available shots of pictures based on the current settings. In Video and MMS Video modes, this shows the remaining duration that can be recorded. While recording video, this shows the recorded duration.

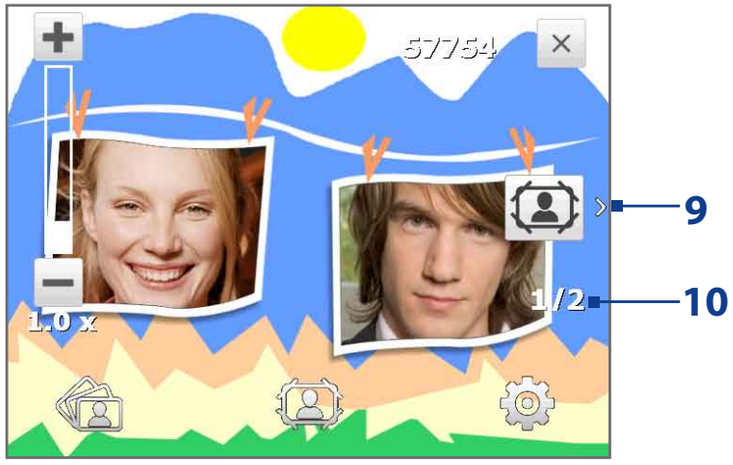
7 **Auto-focus indicator**. Displays a flashing bracket ([ ]) when focusing. When focus is set, the flashing bracket changes to a steady green bracket ([ ]).

8 **Recording indicator**. Flashes when recording a video.

9 **Template Selector icon**. In Picture Theme mode, tap to toggle among different templates.

10 **Progress indicator**. In Picture Theme and Panorama modes, this shows the number of consecutive shots.

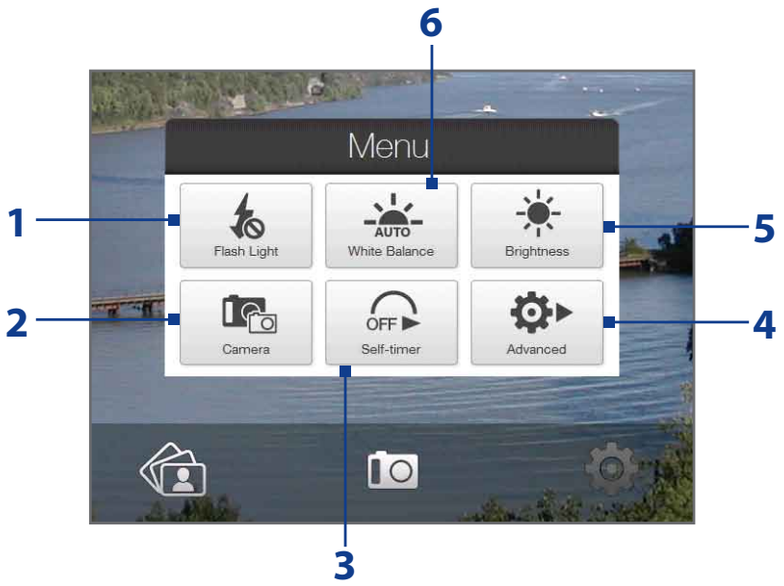
Picture Theme mode



Menu Panel

The Menu Panel provides a quick way of adjusting most common camera settings and lets you access more advanced camera settings. On the Camera screen, tap to open the Menu Panel. To adjust the **Flash Light**, **White Balance**, **Camera**, and **Self-timer** settings, keep tapping their respective buttons to cycle through the available settings. To adjust the **Brightness**, see item 5. To access advanced options, tap .

Note The available settings on the panel depend on the selected capture mode.



1. **Flash Light**. Tap to turn on or off the flash light that is located at the back of your device. When the flash light is on, the camera gives off a flash when taking photos.
2. **Camera**. Tap to select the camera to use. You can choose from main camera ( ), second camera ( ), and second camera flip ( ).
3. **Self-timer**. Tap to set the self-timer to **2 seconds**, **10 seconds**, or **Off** when in the Photo or Contacts Picture mode. When you press the ENTER button to capture a still image, it starts to count down, then captures a still image after the time expires.

4 **Advanced**. Tap to open the advanced camera settings. See "Advanced Options" for details.

5 **Brightness**. Tap to open the Brightness bar at the bottom of the screen. On the Brightness bar, tap − to decrease, or + to increase the brightness level. Tap outside the Brightness bar to apply the change.

6 **White Balance**. White balance enables the camera to capture colours more accurately by adjusting to different lighting conditions. White balance settings include: Auto (AUTO), Daylight (☀), Night (☾★), Incandescent (☀), and Fluorescent (▭).

Zooming

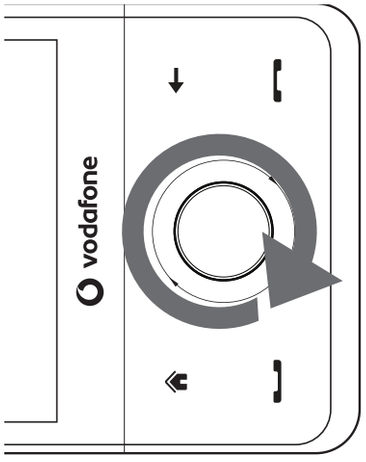
Before capturing a photo or a video clip, you can zoom in to make the object in focus move closer, or zoom out to make the object move farther away.

To zoom in

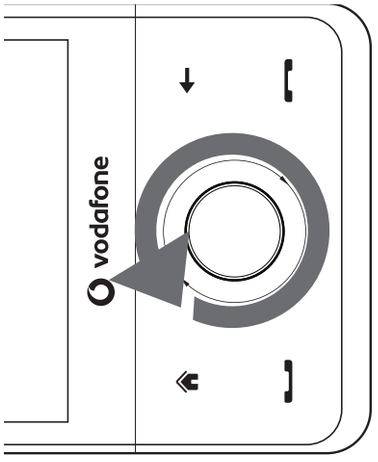
Slide your finger around the Navigation Control clockwise, press NAVIGATION Up (Landscape orientation), or tap +.

To zoom out

Slide your finger around the Navigation Control anti-clockwise, press NAVIGATION Down (Landscape orientation), or tap −.



Zoom In



Zoom Out

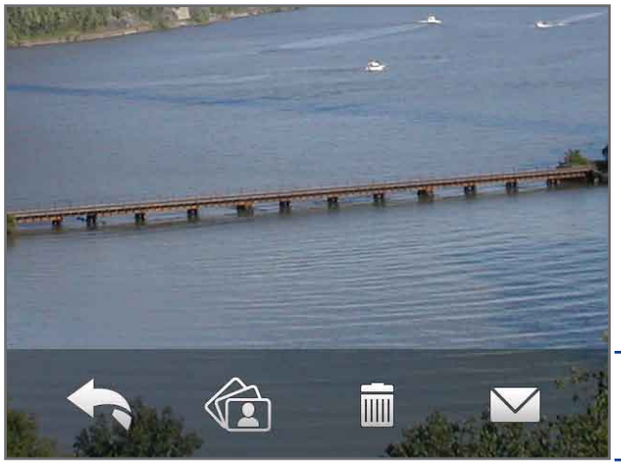
The camera zoom range for a photo or a video clip depends on the capture mode and resolution. Refer to the table for more information.

Capture mode	Resolution	Zoom range
Photo	 3M (2048 x 1536)	1.0x to 2.0x
	 2M (1600 x 1200)	1.0x to 2.0x
	 1M (1280 x 960)	1.0x to 2.0x
	 Large (640 x 480)	1.0x to 2.0x
	 Medium (320 x 240)	1.0x to 4.0x
Video	 CIF (352 x 288)	1x and 1.5x
	 Large (320 x 240)	1x and 1.5x
	 Medium (176 x 144)	1x and 1.5x
	 Small (128 x 96)	1x and 1.5x
Panorama	 Large (640 x 480)	1x and 2x
	 Medium (320 x 240)	1x, 2x and 4x
MMS Video	 Medium (176 x 144)	1x and 1.5x
	 Small (128 x 96)	1x and 1.5x
Contacts Picture	 Medium (240 x 320)	1.0x to 4.0x
Picture Theme	Determined by the current template	Depends on the size of the selected template

Note For capture size settings and zoom ranges when using the second camera, refer to the online help.

The Review screen

After capturing, the Review screen lets you view, send, or delete the photo or video clip by tapping an icon at the bottom of the screen.



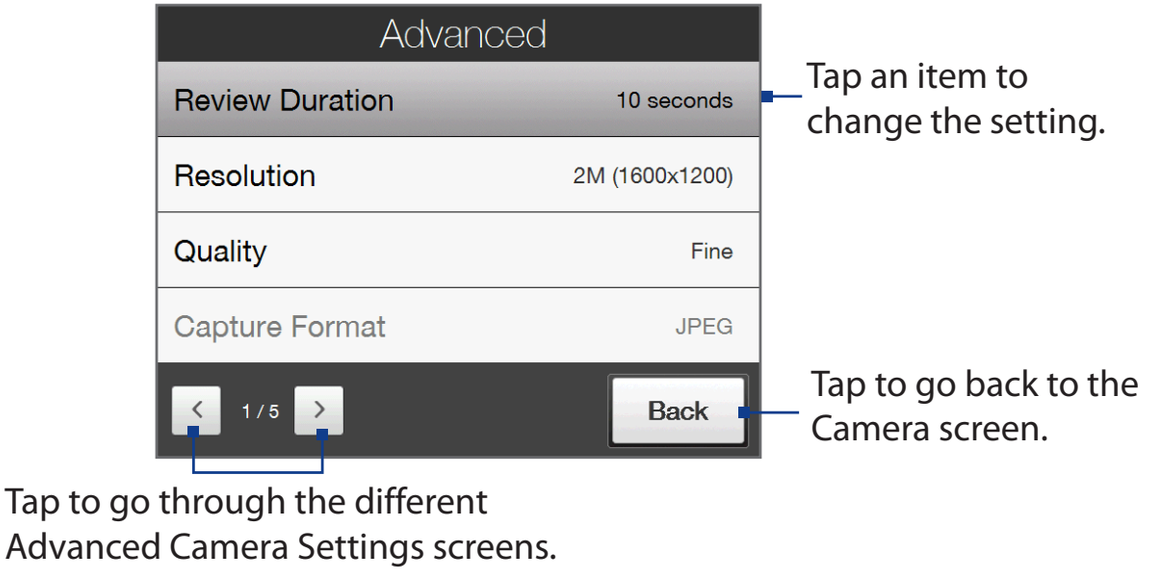
Review screen icons

Icon	Function
	**Back** Return to the live Camera screen.
	**View** View the captured image or video in the Album program.
	**Delete** Delete the captured image or video.
	**Send** Send the captured image or video via email or MMS.
	**Assign to Contact** After capturing in Contacts Picture mode, tap this icon to assign the photo to a selected contact.

Advanced Options

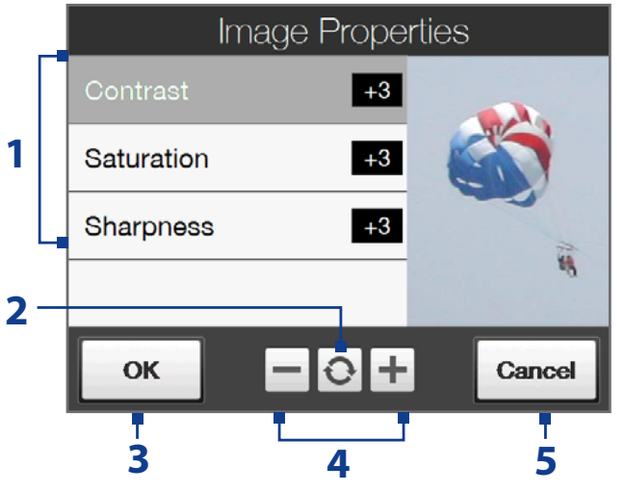
The Advanced Options let you adjust options for your selected capture mode and set Camera program preferences. Access the Advanced Options by tapping **Advanced** on the Menu Panel.

You can either tap on-screen or press NAVIGATION Up/Down (Landscape orientation) to navigate through the Advanced Options screen.



- **Review Duration**. Set a time length for displaying the captured image/video on the Review screen. Select **No Limit** if you do not want to impose a time limit. Select **No Review** to immediately return to the live Camera screen after capturing and saving.
- **Resolution**. Select the resolution to use when taking photos or caoturing videos.
- **Quality**. Select the JPEG image quality level for all captured still images. Choose from **Basic**, **Normal**, **Fine**, and **Super Fine**.
- **Capture Format**. Select the desired file format.
- **Time Stamp** (Photo mode). Choose whether or not to include the shooting date and time on captured photos.

- **Storage**. Select where you want to save your files. You can either save the files to the main memory or to a storage card, if you installed one.
- **Keep Backlight**. Turn the backlight on or off. This overrides your device backlight settings while you are using the camera.
- **Shutter Sound**. Choose whether or not you want the camera to make a shutter sound when you press the ENTER button.
- **Shoot Option**. The camera comes with an auto-focus feature that is activated when the ENTER button is either touched or pressed.
  - **Touch and Press** (Default). Requires you to touch the ENTER button to activate the auto-focus; when focus is set, press the ENTER button to take the shot.
  - **Touch**. Requires you to touch the ENTER button to activate auto-focus; when focus is set, Camera automatically takes the shot.
  - **Full Press**. Requires you to press the ENTER button to activate auto-focus; when focus is set, Camera automatically takes the shot.
- **Image Properties**. This option lets you adjust the capture properties, such as **Contrast**, **Saturation**, and **Sharpness**.



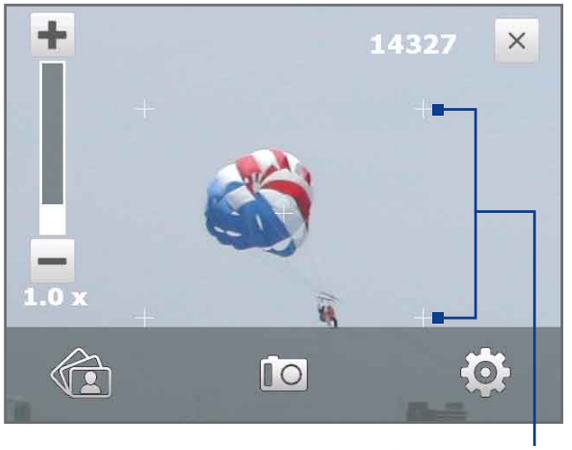
1. Tap a property to adjust.
2. Tap to reset all properties to their default values.
3. Tap to save the settings.
4. Tap + / − or press NAVIGATION left/right (Landscape orientation) to increase/decrease the value.
5. Tap to close the submenu without applying and saving the changes.

- **Effect.** Choose a special effect such as Grayscale, Sepia, or Negative, to apply to your photos or video clips.

- **Metering Mode**. Select a metering mode to allow the camera to measure the amount of light and calculate the best-fit exposure value before capturing. Choose either **Center Area** to measure light using the centre area of the subject, or **Average** to measure light using the area around the subject.
- **Prefix**. When **Default** is selected as the prefix, the file name of each new captured file is set to "IMAGE" or "VIDEO" followed by a sequential number, for example: IMAGE_001.jpg. You may also choose to name files using either the current **Date** or **Date & Time** as the prefix.

  Note If you set the Camera to save captured photos to a storage card, the prefix cannot be selected. Captured photos will be named using the convention IMAGnnnn.jpg (where 'nnnn' is the counter) which is the DCIM (Digital Camera Images) naming standard, and will be saved to the \DCIM\100MEDIA folder on the storage card.

- **Counter**. To reset the file naming counter back to 1, tap **Reset**.
- **Flicker Adjustment**. When taking indoor shots, flicker on the camera screen may be caused by inconsistencies between the vertical scan rate of the camera display and the flicker frequency of fluorescent lighting. To reduce flicker, you can change the flicker adjustment setting to **Auto** or to the proper frequency (**50Hz** or **60Hz**) of the power in the country where your device is being used.
- **Grid** (Photo mode). Choose whether or not to show a grid on the Camera screen. Showing a grid helps you frame and centre your subject easily and accurately.
- **Record with Audio** (Video and MMS Video mode). Select **On** to record audio with the captured video clips, or select **Off** to capture video without audio.
- **Template** (Picture Theme mode). Select a template.



Grid marks

- **Recording Limit** (Video mode). Set the maximum duration or file size for recording video.
- **Template Folder** (Picture Theme mode). By default, templates are stored in the **\My Documents\Templates** folder on the device's **Main Memory**. If you transferred some templates to the storage card (via File Explorer), set this option to **Main + Card** to specify that templates are located in both the main memory and the storage card.
- **Show Reminder** (Contacts Picture mode). Select **On** if you want the Camera to always display a message that confirms whether or not to assign the captured picture to a contact.
- **Help**. Tap to open the Camera program help file.
- **About**. Tap to display version and copyright information.

11.2 Viewing Photos and Videos Using Album

Use **Album** to view images and videos in your device. Album offers a host of features that let you rotate images, view your images as a slideshow, use images as contact pictures, and more.

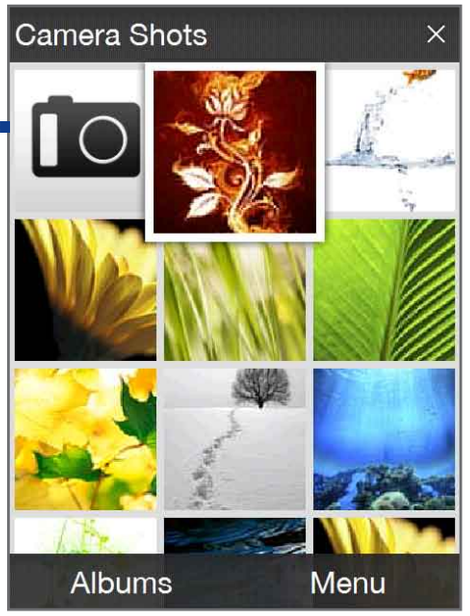
Note Album can only display files in the BMP, GIF, PNG, JPG, Animated GIF, 3GP, MP4, and WMV formats.

To open Album

Do one of the following:

- On the Home screen, slide to the **Photos and Videos** tab and tap **Album**.
- In the Camera program, tap  .
- Tap **Start** > **Programs** > **Album**.

Note When you open Album from the Camera program, the screen orientation of Album is switched to landscape mode.



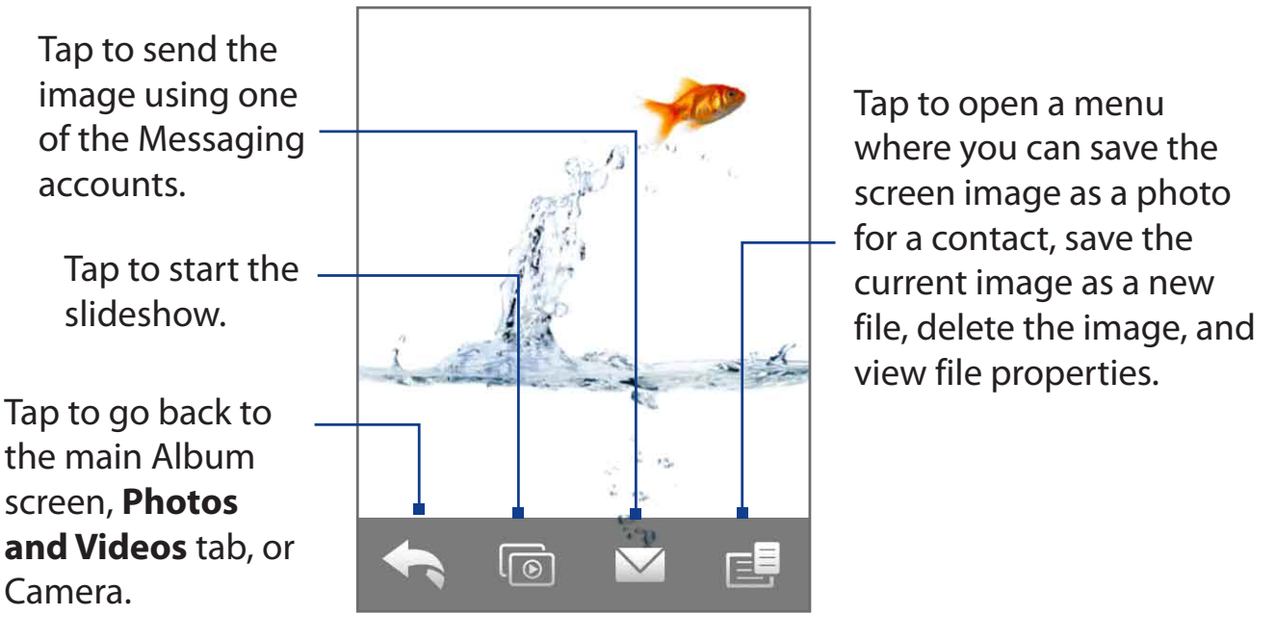
Select a photo or video to view

1. On the main Album screen, tap **Albums** and then select the album to view. The contents of the album are then displayed on the main Album screen.
2. Browse through the files by sliding your finger upward or downward.
3. Do one of the following:
   - Tap an image to view it in full screen mode. See “View an image” for details.

- Tap a video file (files with the icon) to play back the video file. See "Play back video" in this chapter for details.
- Select a still image and then tap **Menu > Slideshow** to view the images in the album as a slideshow. Animated GIF and video files will not be played back in the slideshow. See "To view still images as a slideshow" in this chapter for details.

View an image

While viewing an image in full screen, tap the screen or press ENTER to open the on-screen menu.


Tap to send the image using one of the Messaging accounts.
Tap to start the slideshow.
Tap to go back to the main Album screen, **Photos and Videos** tab, or Camera.
Tap to open a menu where you can save the screen image as a photo for a contact, save the current image as a new file, delete the image, and view file properties.

Tip You can delete multiple files at once by selecting **Menu > Delete Items** on the main Album screen and then selecting the files to delete.

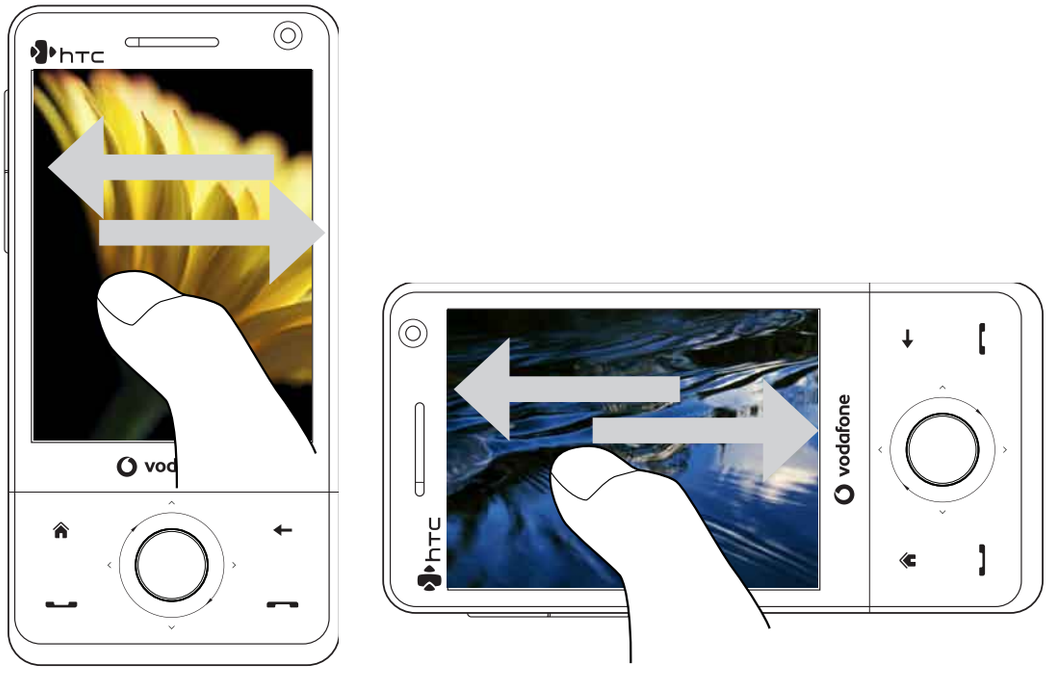
To rotate the image

While viewing images, you can automatically rotate the image by simply turning your device sideways.



To view the next or previous image

When viewing images in Portrait or Landscape mode, go to the next image by swiping your finger across the screen from right to left. Go back to the previous image by swiping your finger from left to right.



To zoom in or out of an image

While viewing an image, make a full circle motion on the screen with your finger.



Slide your finger clockwise on an area to zoom in on that area.



Slide your finger counter-clockwise to zoom out.

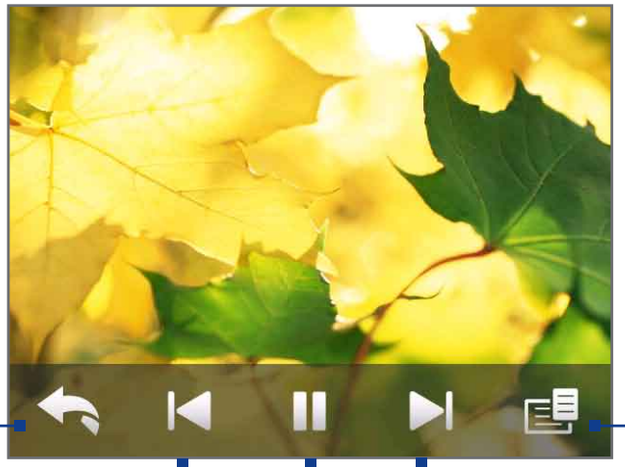
Tips

- When you zoom in on an image, double tap the screen to automatically zoom out and fit the image to the screen.
- When you zoom in on an image, tap and hold the screen so you can pan the image.
- You can also zoom in and out of the image by sliding your finger around the Navigation Control clockwise/anti-clockwise.
- When you zoom in on an image, tap the screen to open the on-screen menu. On the on-screen menu, tap  and then select **Save Screen Image** to save the image on-screen as a new file.

To view still images as a slideshow

While viewing the slideshow, tap the screen to show playback controls.

Note The screen orientation automatically switches to landscape mode when viewing a slideshow.


Tap to return to the main Album screen or the **Photos and Videos** tab.
Tap to open the slideshow options where you can set the transition effect to use, time per slide, and orientation of the images.
Tap to go back to the previous image.
Tap to play or pause the slideshow playback.
Tap to go to the next image.

Tip If the images are in your favourite album, you can start the slideshow from the **Photos and Videos** tab on the Home screen. On the Photos and Video tab, tap **Slideshow**.

Play back video

While playing back video, tap the screen to show the playback controls.


Drag to go forward or backward in the video.
Elapsed time
Tap to go back to the beginning of the video.
Tap to play or pause video playback.
Total duration
Tap to stop video playback.
01:45
2:35

Tip If the video is in your favourite album, you can start the video playback from the **Photos and Videos** tab on the Home screen. On the Photos and Video tab, tap **Play**.

Close Album

Close Album by tapping  on the main Album screen. When viewing files in full screen mode, tap the screen to show the on-screen menu or playback controls and then tap  to go back to the main Album screen.

11.3 Using Windows Media® Player Mobile

Windows Media® Player Mobile plays digital audio and video files that are stored on your device or on a network, such as on a web site.

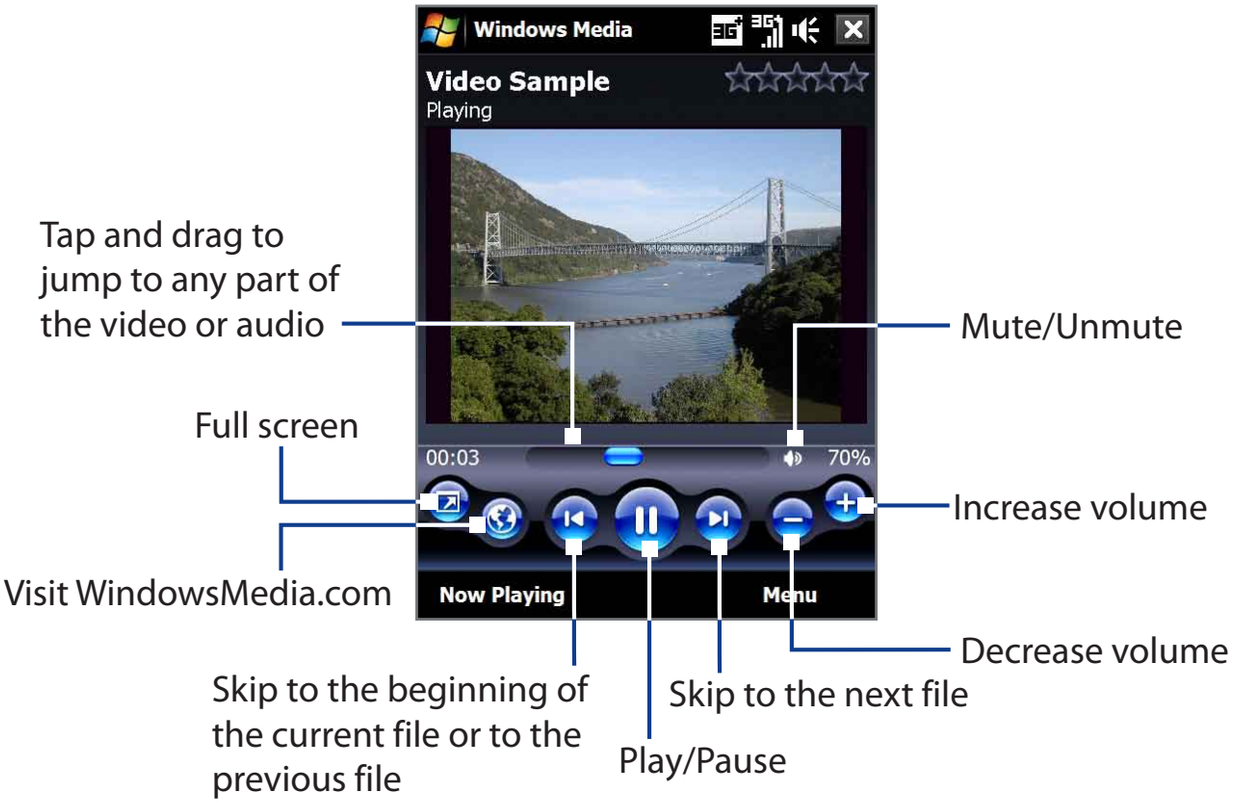
Video File Formats Supported	File Extensions
Windows Media Video	.wmv, .asf
MPEG4 Simple Profile	.mp4
H.263	.3gp, .3g2
H.264	.mp4, .3gp, .3g2, .m4v
Motion JPEG	.avi

Audio File Formats Supported	File Extensions
Windows Media Audio	.wma
WAVE	.wav
MP3	.mp3
MIDI and SP MIDI	.mid, .midi, .rmi
AMR Narrow Band	.amr, .3gp
AMR Wide Band	.awb,.3gp
AAC, AAC+, and eAAC+	.aac, .mp4, .m4a, .3gp
MPEG4 audio	.m4a
QCELP	.qcp, .3g2
EVRC	.qcp

To open Windows Media® Player Mobile

Tap **Start** > **Programs** > **Media** > **Windows Media**.

About the controls



About the screens and menus

Windows Media® Player Mobile has three primary screens:

- **Playback screen**. The screen that displays the playback controls (such as Play, Pause, Next, Previous, and Volume) and the video window. You can change the appearance of this screen by choosing a different skin.
- **Now Playing screen**. The screen that displays the Now Playing playlist. This special playlist indicates the current file being played and any files that are "queued up" to play next.

- **Library screen**. The screen that lets you quickly find your audio files, video files, and playlists. It contains categories such as My Music, My Videos, My TV, and My Playlists.

At the bottom of each screen, you can open a **Menu**. The commands on this menu vary, depending on which screen you are viewing. For more information about the commands in these menus, see Help on your device.

Synchronise video and audio files

Use the latest version of Windows Media® Player on your computer to synchronise digital media files from your computer to your device. This ensures that protected files and album art (for skins) are copied to your device correctly.

To synchronise content to your device automatically

1. On your computer, open Windows Media® Player, then connect your device to your computer.
2. In the Device Setup Wizard, select **Yes, search my computer now**.

   Note If you have previously opened Windows Media® Player and searched for media on your computer, you will not be prompted to search your computer in Step 2.
3. On the Device Setup dialog box, enter a name for your device and click **Finish**.

   Note If you installed a storage card with more than 4GB of storage space and could store your entire library, Windows Media Player will automatically synchronise your music files. Set the device to **Disk Drive** mode for Windows Media Player to automatically synchronise. For more information on how to set the device to Disk Drive mode, see "Using your Device as a USB Drive" in Chapter 1.
4. On the left panel of Windows Media® Player, right-click the name of your device and click **Set Up Sync**.

   Note To set up media synchronization on a storage card, right-click Storage Card in the left panel of Windows Media® Player, then click **Set Up Sync**.
5. Select the playlist(s) that you want to sync between your computer and device, then click **Add**.

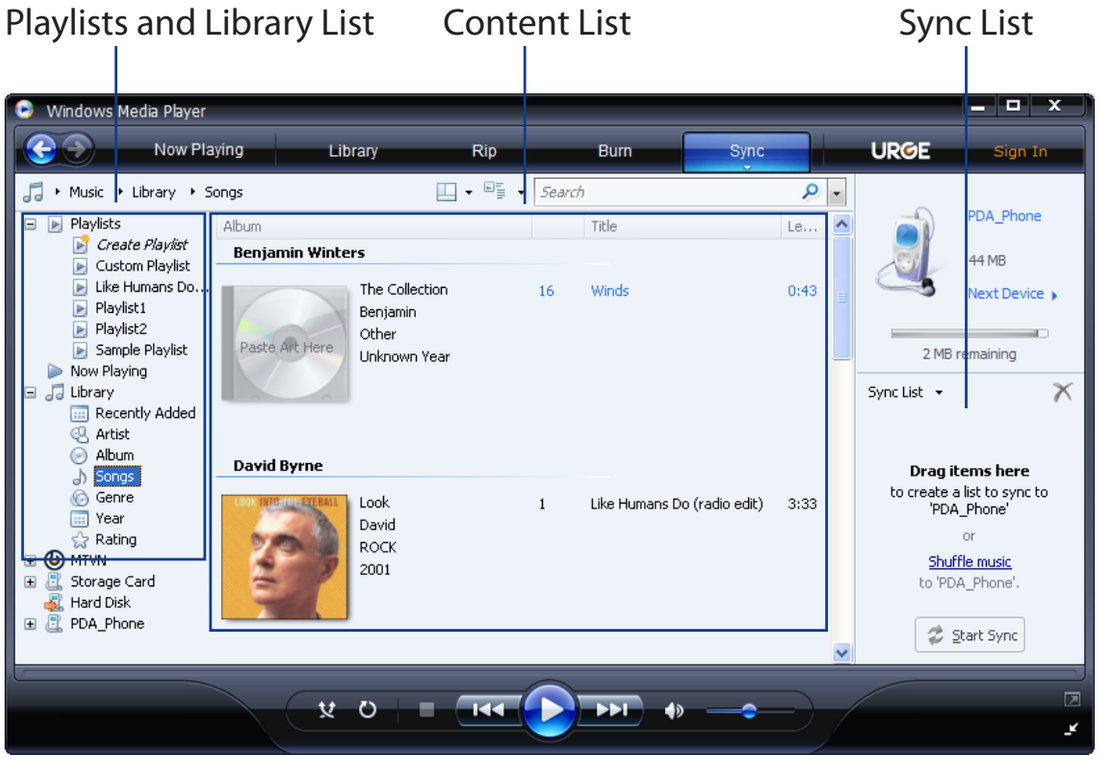
Note On the Device Setup dialog box, make sure that the **Sync this device automatically** check box is selected.

6. Click **Finish**.

The files will begin synchronising to your device. The next time you connect your device to your computer while Windows Media® Player is running, synchronisation will start automatically.

To synchronise content manually to your device

1. If you have not set up media synchronisation between your device and computer, follow steps 1 to 3 in "To synchronise content to your device automatically".
2. Click the **Sync** tab on the Windows Media® Player of your computer. Select a Playlist or a Library on the left panel of the Windows Media® Player.
3. From the Content List, drag the media files that you want to sync to your device and drop them to the Sync List.



4. Click **Start Sync** to start synchronising the selected files to your device.

Notes

- Use Windows Media® Player 11 or higher on your computer to synchronise media files to your device.
- Audio files copy faster if Windows Media® Player is configured to automatically set the quality level for audio files copied to your device. For more information, see the Windows Media® Player Help.

Play media

Use the Library to find and play songs, videos, and playlists that are stored on your device or an installed storage card.

To update the Library

1. If you are not on the Library screen, tap **Menu > Library**.
2. On the Library screen, tap the Library arrow (near the top of the screen), then tap the media storage that you want to use, for example, Storage Card.
3. In most cases, Windows Media® Player Mobile automatically updates the library. However, you can manually update the library to ensure that it contains new files that you recently copied to your device or storage card. Tap **Menu > Update Library** to manually update the library list.

To play video and audio files on your device

1. Select a category (for example, My Music or My Playlists).
2. Tap and hold the item that you want to play (such as a song, album, or artist name), then tap **Play**.

Tips

- To play a media file that is stored on your device but is not in a library, on the Library screen, tap **Menu > Open File**. Tap and hold the item that you want to play (such as a file or a folder), then tap **Play**.
- To play a media file from the Internet or a network server, tap **Menu > Library** then tap **Menu > Open URL**.

Playlists

In Windows Media® Player Mobile, you can create a new playlist by saving the current Now Playing playlist and giving it a new name.

To save a new playlist

1. If you are not on the Library screen, tap **Menu > Library**.
2. Tap to select a category (for example, My Music or My Playlists).
3. Select a media file that you want, then tap **Menu > Queue Up**. This adds the file to the Now Playing list.

   Repeat this step until you have added all desired media files to the Now Playing list.

   Note You cannot select multiple files simultaneously.
4. After adding the media files, tap **Menu > Now Playing**.
5. On the Now Playing screen, tap **Menu > Save Playlist**.
6. Enter the playlist name, then tap **Done**.
7. To play back the playlist you created, tap My Playlists in the Library, select your playlist, then tap **Play**.

Troubleshooting

If you encounter a problem while using the Windows Media® Player Mobile, a number of resources are available to help you troubleshoot the issue.

For more information, see the Troubleshooting Windows Media® Player Mobile page at the Microsoft web site (http://www.microsoft.com/windows/windowsmedia/player/windowsmobile/troubleshooting.aspx).

11.4 Using FM Radio

FM Radio allows you to listen to FM radio stations on your device. Since FM Radio uses the provided stereo wired headset as an antenna, you must plug in the headset first onto the earphone jack of your device before you open the program.

To open FM Radio

Tap **Start > Programs > FM Radio**.

The first time this program is used, it will automatically scan for available FM channels in your area, save them as presets, then play the first FM station found. For information about saving favourite stations as presets, see "Save presets."

When you tap ✕ on the FM Radio screen, the program continues to run in the background and allows you to continue listening to the radio while you use other programs. To turn off the FM radio, tap ⏻ on the upper right corner of the FM Radio screen.

FM Radio controls



This control		Does this
1		Turns off FM radio.
2		See "Radio display" for details.
3		Searches the FM band for the next higher FM channel.
4		Increases the radio frequency by 0.1MHz.
5		Turns the sound on or off.
6		Allows you to save up to six favourite FM stations as presets. Tap a button to tune in to a favourite station.
7		Switches between headset and speaker output.
8	Stereo/Mono	Allows you to switch between Mono and Stereo modes.
9		Decreases the radio frequency by 0.1MHz.
10		Searches the FM band for the next lower FM channel.

Tip Tap **Menu** to choose more options for FM Radio, such as **Scan & Save** to perform a rescan of the FM band for available FM stations and save them as presets, and more.

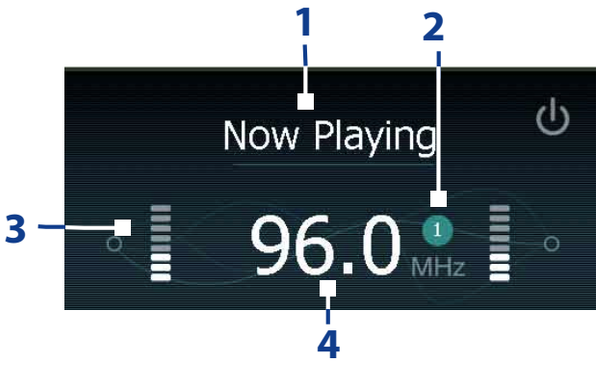
Radio display

1 Shows the station name when the RDS (Radio Data System) or RDBS (Radio Data Broadcast System) signal is available.

2 Shows the preset number when you select a preset FM station.

3 Shows the received signal strength.

4 Shows the radio frequency.



Device controls used in FM Radio

Navigation

- Press NAVIGATION Left/Right to search the FM band for the next lower/higher FM channel. When the search reaches the last station, it cycles back to the beginning of the FM band.
- Press NAVIGATION Up/Down to select the previous/next available preset station.
- Press the ENTER button to toggle mute on and off.

Volume Control

Press the VOLUME CONTROL on the side of the device to adjust the FM Radio volume.

Save presets

Presets are favourite FM stations that you can save for easy access. You can save up to six FM stations to the preset buttons on the main FM Radio screen, or save up to 20 presets on the Presets screen.

To save FM stations

1. Tune to the desired FM frequency, then tap **Presets**.
2. On the Presets screen, tap  that appears on the desired preset number where you want to save the FM station.

   You can save up to 20 preset radio stations. Radio stations that are saved on Presets 1 to 6 can be accessed on the main FM Radio screen.

   Tip Tap  to remove a favourite FM station from the list.
3. When done, tap **OK**.

To listen to a preset FM station

Do one of the following:

- On the main FM Radio screen, tap the preset button that shows your favourite station.
- On the Preset screen, select a preset number that shows your favourite station, then tap **Listen**.

FM Radio Main Menu

Tap **Menu** on the FM Radio screen to access options for the FM Radio program.

- **Scan & Save** Automatically scan radio stations that can be picked up by the device and save them as presets. Existing presets will be cleared and replaced with the newly scanned radio stations. You can have a maximum of 20 preset radio stations.
- **Stereo** Toggles between using Stereo or Mono mode when listening to an FM radio station.
- **Mute** Toggles between muting and restoring the volume.
- **Output** Select whether to use the device **Speaker** or **Wired Headset** to listen to the radio.

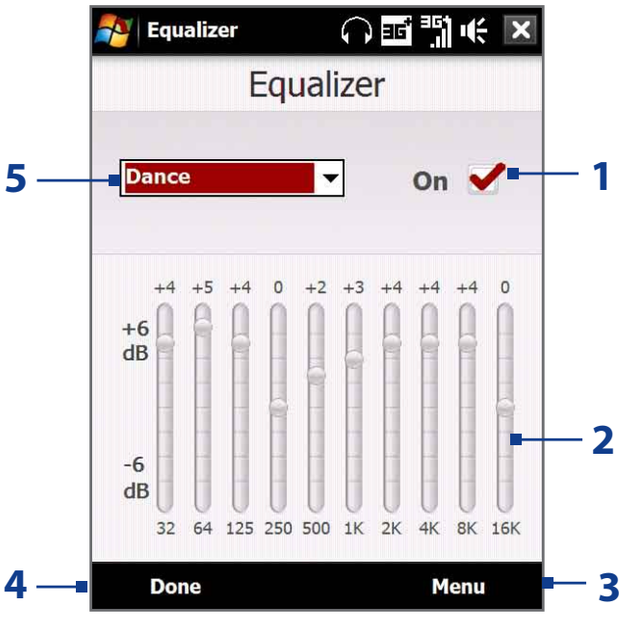
- **Sleep** Set how much time must pass before FM Radio goes into sleep mode. The Sleep option is switched to **Off** every time you launch FM Radio.
- **Exit** Select to turn off FM Radio.

11.5 Using Audio Booster

Audio Booster optimises sound for a better listening experience. It provides preset moods, such as hip hop, jazz, rock, and more, and several enhancement presets that suit different types of music.

To access Audio Booster

Tap **Start > Programs > Audio Booster**.



This control		Does this
1	**On**	Select the check box to enable or disable the equalizer.
2	**Frequency band**	Drag the sliders to adjust the frequency.
3	**Menu**	• Tap **Menu > Cancel** to exit Audio Booster without applying the modified settings: • Tap **Menu > Save as Preset** or **Delete Preset** to save or delete preset equalizer settings.
4	**Done**	Tap to apply the modified settings.
5	**Equalizer presets**	Tap to choose the Equalizer preset to use.

To use a Equalizer preset

Tap the list box then select a desired preset.

To create a custom equalizer preset

1. Adjust the frequency bands to your desired values by dragging the equalizer controls. The selected values are indicated on top of the sliders.
2. Save your equalizer settings as a preset by tapping **Menu > Save as Preset**.
3. Enter a preset name and then tap **Done**. The preset you created will be added to the list box.

To delete a custom equalizer preset

1. Tap the list box then select the Equalizer preset you want to delete.
2. Tap **Menu > Delete Preset**.

Note You can only delete custom equalizer presets. Equalizer presets that are pre-installed cannot be deleted.

Chapter 12

Programs

12.1 Programs on your Device
12.2 Adding and Removing Programs
12.3 Adobe® Reader® LE
12.4 Calendar
12.5 Contacts
12.6 Comm Manager
12.7 JETCET™ PRINT
12.8 Microsoft® Office Mobile
12.9 Notes
12.10 Java
12.11 SIM Manager
12.12 Spb GPRS Monitor
12.13 Sprite Backup
12.14 Tasks
12.15 Voice Recorder
12.16 Voice Speed Dial
12.17 WorldCard Mobile
12.18 ZIP

12.1 Programs on your Device

The following are programs you can find on your device or install from the Application disc.

Programs in the Start Menu

Icon	Description
	**Office Mobile** Use the complete suite of Microsoft® Office applications for your mobile device.  **Excel Mobile** Create new workbooks or view and edit Excel workbooks.  **OneNote Mobile** Create notes with text, photos, and voice recordings.  **PowerPoint Mobile** View PowerPoint slides and presentations.  **Word Mobile** Create, view, and edit Word documents.
	**Calendar** Keep track of your appointments and create meeting requests.
	**Contacts** Keep track of your friends and colleagues.
	**Internet Explorer Mobile** Browse web and WAP sites as well as download new programs and files from the Internet.
	**Messaging** Send and receive email, MMS, and text messages.
	**Phone** Make and receive calls, switch between calls, and set up conference calling. See Chapter 2 for details.
	**Help** See Help topics for the current screen or program.

Programs screen

Icon	Description
	**Business Applications** Useful applications to help you increase your productivity.
	**Adobe Reader LE** View PDF (Portable Document Format) files on your device.
	**Notes** Create handwritten or typed notes, drawings, and voice recordings.
	**Tasks** Keep track of your tasks.
	**Voice Recorder** Record your voice and send it via email, MMS or beaming. You can also set the recorded voice as your ring tone.
	**Zip** Save memory and free up storage space on your device by compressing files in the conventional ZIP format.
	**Games** Play these pre-installed games: **Bubble Breaker**, **Solitaire**, and **Teeter**.
	**Media** Enjoy viewing pictures and watching video with these media applications.
	**Camera** Take photos and shoot video clips with accompanying audio. See Chapter 11 for details.
	**Pictures & Videos** View, organise, and sort pictures, animated GIFs, and video files on your device or storage card.
	**Streaming Media** Stream live or on-demand video. See Chapter 8 for details.
	**Windows Media Player Mobile** Play back audio and video files. See Chapter 11 for details.

Icon	Description
	**Tools** These tools add additional functionality to your device.  **Bluetooth Explorer** Search for other Bluetooth devices that have file sharing enabled and access their Bluetooth shared folder. See Chapter 9 for details.  **Internet Sharing** Connect your notebook computer to the Internet using your device's data connection. See Chapter 8 for details.  **Java** Download and install Java applications, such as games and tools, on your device.  **QuickGPS** Download satellite data over the Internet via ActiveSync (if your device is connected to a computer), Wi-Fi or a data connection to speed up the time for determining your current GPS position. See Chapter 10 for details.  **SIM Manager** Manage the contacts that are stored on your SIM card. You can also use this program to copy SIM contents to Contacts on your device.
	**ActiveSync** Synchronise information between your device and a PC or the Exchange Server. See Chapter 5 and 7 for details.
	**Album** View photos and videos that you captured using the device camera. See Chapter 11 for details.
	**Audio Booster** Enhances your music experience by providing you with controls for adjusting equalizer, 3D sound, treble, and bass settings. See Chapter 11 for details.
	**Business Email** Set up Vodafone Business Email to stay connected while on the move by automatically delivering your email to your phone.
	**Calculator** Perform basic arithmetic and calculations, such as addition, subtraction, multiplication, and division.
	**ClearVue Presenter** Create, edit, save, and print presentations.

Icon	Description
	**Comm Manager** Manage your device's connections (including Internet and Bluetooth), turn the phone on or off, and enable or disable the Direct Push function.
	**File Explorer** Organise and manage files on your device.
	**FM Radio** Listen to your favourite FM radio stations. See Chapter 11 for details.
	**Getting Started** View a list of "how to's" that you can reference to learn basic features and settings of your device.
	**JETCET PRINT** Print documents, image files, emails, web pages and more from your device.
	**Messenger** This is the mobile version of Windows Live™ Messenger. See Chapter 8 for details.
	**Opera Mobile** This is the mobile version of the Opera browser. See Chapter 8 for details.
	**Remote Desktop Mobile** Connect and control your desktop computer remotely from your device.
	**RSS Hub** Download and read the latest web feeds from the Internet. See Chapter 8 for details.
	**Search** Search contacts, data, and other information on your device.
	**Spb GPRS Monitor** Use this program to measure the amount of data transfers that you have made via the GPRS or GSM network connection, and calculate network usage costs. You can install this program from the Application disc.
	**Sprite Backup** Back up your device's data and files to a specified folder, the storage card, or a computer. You can install this program from the Application disc.
	**Sat Nav** Open a web site where you can download the Vodafone Sat Nav navigation program.

Icon	Description
	**Voice Speed Dial** Record voice tags so that you can dial a phone number or launch programs by speaking a word.
	**Windows Live** Use this mobile version of Windows Live™ to find information on the web. It also lets you sign into your Windows Live™ account so that you can access your Live Mail messages and send/receive instant messages in Live Messenger. See Chapter 8 for details.
	**WorldCard Mobile** Capture business cards using the device camera, and export the business card information as a new contact in your Contacts list. You can install this program from the Application disc.
	**YouTube™** Search for uploaded videos in YouTube and play them on your device. See Chapter 8 for details.
	**STK (SIM Tool Kit) Service** Access information and other services offered by your wireless service provider.

12.2 Adding and Removing Programs

Additional programs, such as the programs in the Application disc or other programs that you purchase, can be installed and uninstalled on your device. Your device does not allow you to uninstall most of the preinstalled programs.

Note Before you purchase additional programs for your device, make sure that they are compatible with your device.

To install a program

1. Download the program to your computer (or insert the CD or disk that contains the program into your computer).

   You may see a single ***.exe** file, a ***.zip** file, a **Setup.exe** file, or several versions of files for different device types and processors. Be sure to select only the programs designed for your device.

2. Read any installation instructions or documentation that comes with the program. Many programs provide special installation instructions.
3. Connect your device to the computer.
4. Double-click the installation setup file.

To uninstall a program

1. Tap **Start > Settings > System** tab **> Remove Programs**.
2. In the **Programs in storage memory** list, select the program you want to remove, then tap **Remove**.

12.3 Adobe® Reader® LE

Adobe® Reader® LE is an application for viewing PDF (Portable Document Format) documents on your device. It supports a subset of the features found in the PC versions of Adobe Reader.

To open Adobe Reader LE

- Tap **Start > Programs > Business Applications > Adobe Reader LE**.

To open a PDF file on your device

- Open a PDF file in Adobe Reader LE; or
- Open File Explorer, find the PDF file, then tap the file to open it.

To navigate through a PDF document

You can use the controls in the program and finger gestures to navigate a PDF document.

- Tap **Tools > View > Continuous** and then slide your finger up or down the screen to scroll through the pages in the document.

  Tip You can also drag the scroll bars to scroll through the pages.

- Tap  to zoom in or  to zoom out. After zooming in, slide your finger on the screen to pan the current page.

- Press NAVIGATION Up/Down/Right/Left to move to the desired direction of the page.
- Tap to return to the previous page; tap to move to the next page. Tap to jump to the first page; tap to jump to the last page.
- Tap **Tools > Go To > Page Number** to enter a page number that you want to view.

To search for text in the document

1. Tap **Tools > Find > Text** or tap in the toolbar.
2. Type in the text to be searched, then tap **Find**.

   The matched text in the document will be highlighted.
3. To view the next occurrence of the text, tap **Tools > Find > Next**.

Tips

- Adobe Reader LE displays a bookmark pane for the PDF files that contain bookmarks. Tap the bookmarks to go to a specific section/page within the file.
- Adobe Reader LE supports password-protected PDF files with up to 128-bit encryption. When you open a password-protected PDF file, you will be prompted to enter the password before opening it.

12.4 Calendar

Use **Calendar** to create appointments, including meetings and other events. You can also synchronise Calendar appointments between your device and computer.

To open the Calendar screen

- On the TouchFLO 3D Home screen, tap **Calendar** or a displayed appointment; or
- Tap **Start > Calendar**.

Create appointments

To schedule an appointment

1. Open the Calendar screen and then tap **Menu > New Appointment**.
2. Enter a name for the appointment.
3. Do one of the following:
   - If it is a special occasion such as a birthday or a whole-day event, set the **All Day** option to **Yes**.
   - If there is a time frame for the appointment, set the start and end dates and times.
4. Specify the type of category for your appointment, so that it can be grouped with other related appointments. Tap **Categories**, then select a preset category (Business, Holiday, Personal, or Seasonal), or tap **New** to create your own category.
5. When finished, tap **OK** to return to the calendar.

Notes
- All-day events do not occupy blocks of time in Calendar; instead, they appear in banners at the top of the calendar.
- To remove an appointment, tap **Menu > Delete Appointment**.

Tip To have the time entered automatically in Day view, tap and drag to select a time slot for the new appointment, and tap **Menu > New Appointment.**

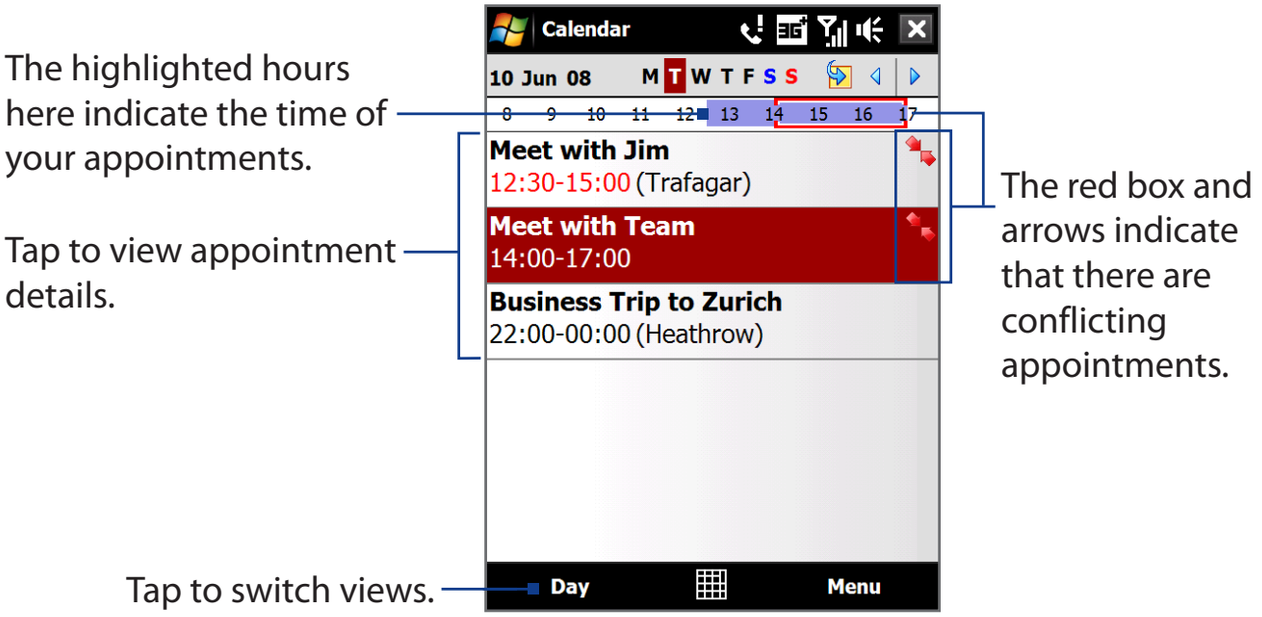
To set the reminder time for new appointments

By default, Calendar has been set to display a reminder alert when you have new upcoming appointments. You can change the reminder time.

1. Open the Calendar screen.
2. Tap **Menu > Tools > Options > Appointments** tab.
3. Make sure the **Set reminders for new items** check box is selected.
4. Set the time when you want the reminder to alert you.
5. Tap **OK** to return to the Calendar screen.

View appointments

By default, Calendar displays appointments in **Agenda** view. You can also look at your appointments in **Day**, **Week**, **Month**, and **Year** views.


The highlighted hours here indicate the time of your appointments.
Tap to view appointment details.
Tap to switch views.
Calendar
10 Jun 08
M T W T F S S
8 9 10 11 12 13 14 15 16 17
Meet with Jim
12:30-15:00 (Trafagar)
Meet with Team
14:00-17:00
Business Trip to Zurich
22:00-00:00 (Heathrow)
Day
Menu
The red box and arrows indicate that there are conflicting appointments.

Agenda view

- To see detailed appointment information in any view, tap the appointment.
- To view appointments by category, tap **Menu > Filter**, then select the desired category.
- To change the default view that Calendar uses to display appointments, tap **Menu > Tools > Options > General** tab. Tap the **Start in** box, then choose the calendar view.
- When in Month view, you will see the following indicators:
  - Morning appointment
  - Afternoon or evening appointment
  - Both morning and afternoon/evening appointments
  - All-day event

Send appointments

To send a meeting request

Use Calendar to schedule meetings via email with contacts who use Outlook or Outlook Mobile.

1. Open the Calendar screen.
2. Schedule a new appointment, or open an existing one and tap **Menu > Edit**.
3. Tap **Attendees**, then tap **Add Required Attendee** or **Add Optional Attendee** and add the contacts whom you want to invite.

   Note You can specify if an attendee is required or optional only if your device is connected to a Microsoft Exchange 2007 server. Otherwise, all attendees are designated as required. For more information, see "Managing Meeting Requests" in Chapter 7.
4. When you have finished adding attendees, tap **Done**.
5. Tap **OK** to send.

Tip To choose the email account to use for sending meeting requests, tap **Menu > Tools > Options > Appointments** tab. Tap the **Send meeting requests via** box and choose to send via your Outlook E-mail, POP3/IMAP4 or Windows Live™ account.

Notes

- If you're sending the meeting request using your Outlook E-mail account, it will be sent to the attendees the next time you synchronise your device with your computer or Exchange Server.
- When attendees accept your meeting request, the meeting is automatically added to their schedules. When their response is sent back to you, your calendar is updated as well.

To send appointment details as a vCalendar

A vCalendar is a standard file format used for exchanging scheduling and task information. vCalendar files can be exported to Outlook on the computer.

After selecting the appointment to send in the Calendar screen, tap **Menu > Send as vCalendar** to send a vCalendar containing appointment details as a file attachment in an MMS message. For more information, see "MMS" in Chapter 6.

12.5 Contacts

Contacts is your address book and information storage for people and businesses you communicate with. You can add the following types of contacts to your device:

- **Outlook contacts**. Contacts that are stored on your device, which can be created on your device or synchronised with your PC or the Exchange Server.
- **SIM contacts**. Contacts that are stored on the SIM card. Only a name and phone number can be stored for each entry.
- **Windows Live™ contacts**. Contacts that you communicate with using Windows Live™ Messenger or MSN.

  Note You can only add Windows Live™ contacts after you have set up Windows Live™ on your device. See "Add Windows Live contacts" in Chapter 8 for details.

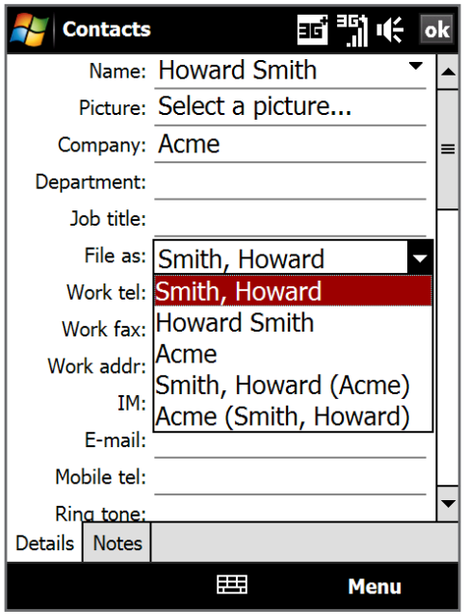
To open the Contacts screen

Do one of the following:

- On the TouchFLO 3D Home screen, slide to the **People** tab and then tap **All People**; or
- Tap **Start > Contacts**.

Add new contacts

To add a contact on your device



1. Open the Contacts screen.
2. Tap **New**, select **Outlook Contact**, and enter the contact information.
3. In the **File as** field, choose how you want the contact name to appear in the contact list.
4. To add a photo of the contact, tap **Select a picture**, and then select the picture file or tap **Camera** to take a photo of the contact.
5. To assign a ring tone to the contact, tap the **Ring tone** field, scroll through the list of tones, then select a desired tone.
6. When finished, tap **OK**.

Tips

- If a person who is not in your list of contacts called you and you want to save that person's phone number, tap and hold the phone number in the Call History and then tap **Save to Contacts** from the shortcut menu.
- To save a phone number that is contained in a message, open the message, tap the underlined phone number, and then tap **Menu > Save to Contacts**.
- To edit contact information, tap the contact name and then tap **Menu > Edit**.

To add a contact to your SIM card

1. Open the Contacts screen.
2. Tap **New**, then select **SIM Contact**.
3. Enter a contact name and phone number.
4. Tap **OK**.

Tip You can also use the SIM Manager to add and edit contacts on your SIM card. For more information, see "SIM Manager" in this chapter.

Organise and search contacts

To group similar contacts

For easier management, you can group similar contacts by assigning them to categories.

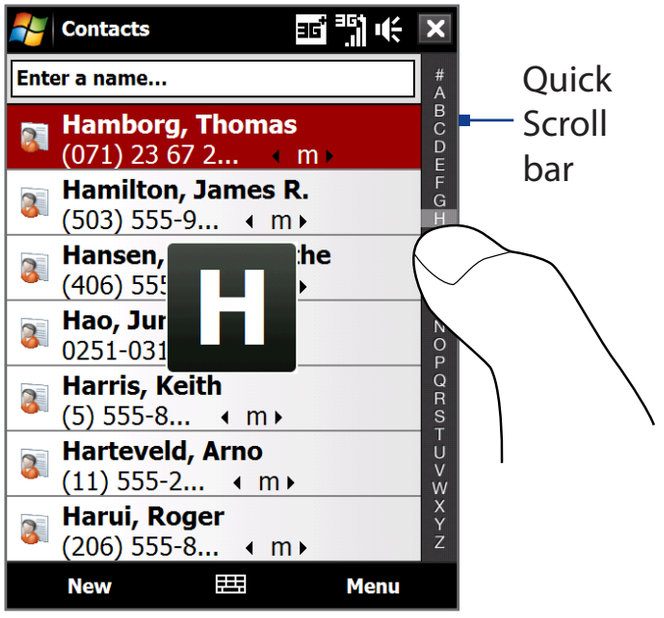
1. Create a new Outlook contact or edit an existing Outlook contact.
2. Tap **Categories**.
3. Select a preset category such as Business or Personal, or tap **New** to create your own category.
4. When finished, tap **OK**.

To find a contact on your device

There are several ways to find a contact when your contact list is long:

- Begin entering a contact name in the provided text box until the contact you want is displayed.
- On the Quick Scroll bar on the right of the Contacts screen, scroll to or tap a letter to go directly to the part of the contacts list where contact names start with that letter.

  Note You can disable the Quick Scroll bar by tapping **Menu > Options** and selecting the **Show alphabetical index** check box. This will show the alphabetical index at the top of the Contacts list.



- Filter the list by categories. In the contact list, tap **Menu > Filter**, then tap a category you've assigned to a contact. To show all contacts again, select **Menu > Filter > All Contacts**.

Share contact information

To beam a contact's details

You can quickly send contact information to another mobile phone or device through Bluetooth beaming.

1. On the Contacts screen, select a contact.
2. Tap **Menu > Send Contact > Beam**, then select a device where to beam the contact to.

Note Before beaming, make sure Bluetooth is turned on and set to visible mode on your device and the target mobile device. You can also beam contact information to your computer. See Chapter 9 for details.

To send contact information via text messaging

1. On the Contacts screen, select a contact.
2. Tap **Menu > Send Contact > SMS \ MMS**.
3. Select the contact information you want to send, then tap **Done**.
4. In the new text message, enter the mobile phone number of the recipient, then tap **Send**.

To send contact information as a vCard

A vCard (virtual business card) is a standard file format used for exchanging contact information. vCard files can be exported to Outlook on the computer. From your device, you can send a vCard containing contact information as file attachment in an MMS message.

1. On the Contacts screen, select a contact.
2. Tap **Menu > Send as vCard**.
3. A new MMS message is created with the vCard file attached. Enter the mobile phone number or email address of the recipient, then tap **Send**.

For more information, see "MMS" in Chapter 6.

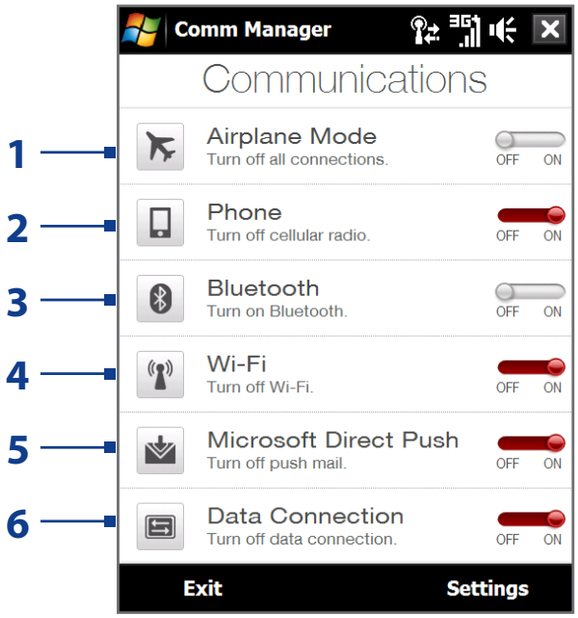
12.6 Comm Manager

Comm Manager is a central location where you can easily turn on and off the communication features of your device such as the phone, Wi-Fi, data connection, Bluetooth, and more.

To access the Comm Manager

Do one of the following:

- On the TouchFLO 3D Home screen, slide to the **Settings** tab and then touch **Communications**.
- Touch **Start > Programs > Comm Manager**.
- Touch **Start > Settings > Connections** tab **> Comm Manager**.



1. Switch Airplane Mode on or off. Turning on Airplane Mode turns off the phone, Wi-Fi and Bluetooth functions. For more information, see "To enable or disable Airplane Mode" in Chapter 2.
2. Switch the phone on or off. Tap **Settings > Phone** to set the ring tone and other phone settings. See Chapter 13 for details.
3. Switch Bluetooth on or off. Tap **Settings > Bluetooth** to configure Bluetooth on your device. See Chapter 9 for details.
4. Switch Wi-Fi on or off. Tap **Settings > Wireless LAN** to configure wireless network connection settings. See Chapter 8 for details.
5. Switch between automatically receiving (as items arrive) or manually retrieving Outlook emails. See Chapter 7 for details.
6. Disconnect active data connections (GPRS, for example). You cannot reconnect a data connection in Comm Manager.

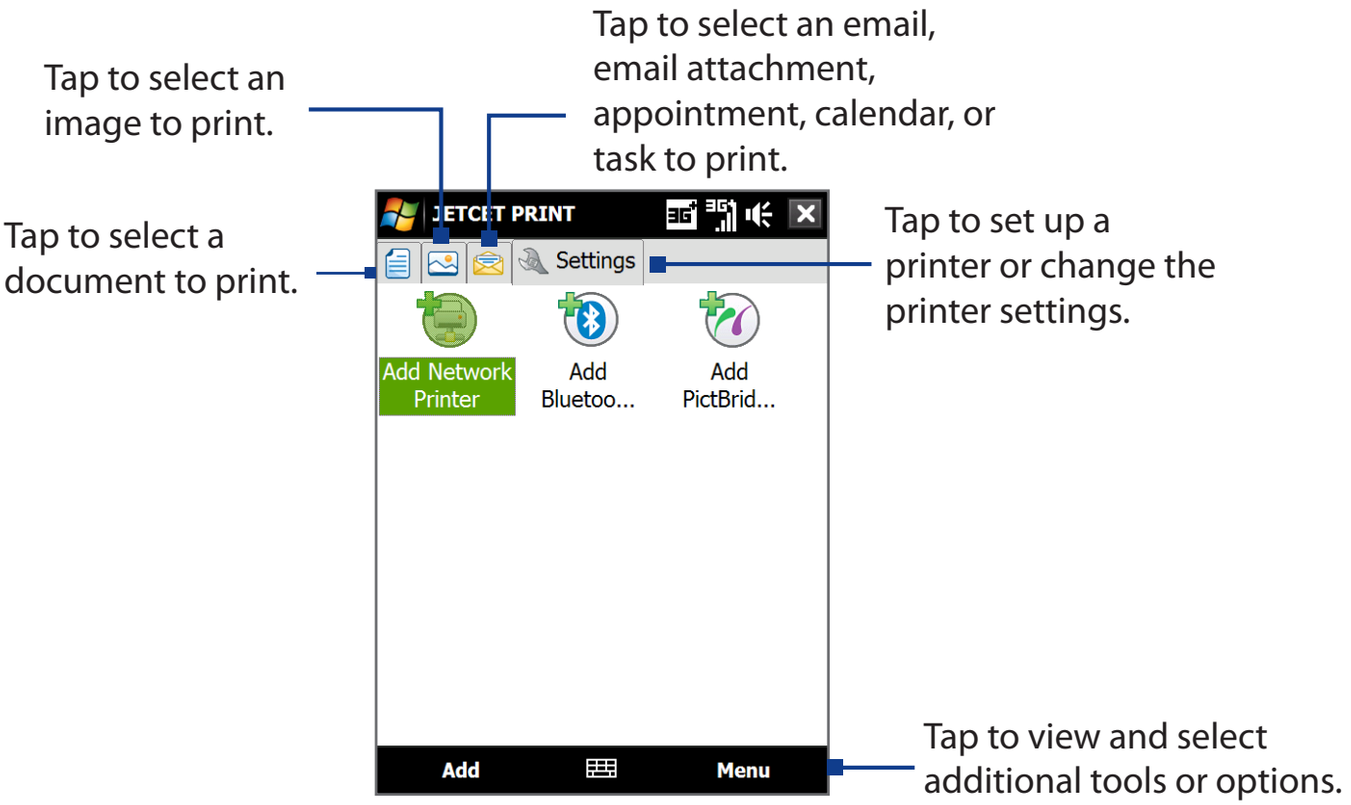
12.7 JETCET™ PRINT

JETCET PRINT lets you print image files or documents from your device straight to a Bluetooth, network, or PictBridge printer. You can also print emails, email attachments, web pages, appointments, contacts, and tasks.

Tip For more information about JETCET PRINT, consult the JETCET PRINT help in your device by tapping **Menu > Help > Contents** in the JETCET PRINT screen.

Open JETCET PRINT

Tap **Start > Programs > JETCET PRINT**.


Tap to select an image to print.
Tap to select an email, email attachment, appointment, calendar, or task to print.
Tap to select a document to print.
Tap to set up a printer or change the printer settings.
JETCET PRINT
Settings
Add Network Printer
Add Bluetoo...
Add PictBrid...
Add
Menu
Tap to view and select additional tools or options.

Set up a printer

You must configure your device to connect to a printer before you can start printing.

1. Tap **Start > Programs > JETCET PRINT**.

2. If you are not in the **Settings** tab, tap the settings button (), then:
   - Tap **Add Network Printer** to set up and connect to a shared network printer.

     Note The device will wait continuously if you have entered an incorrect IP address while setting up a network printer.
   - Tap **Add Bluetooth Printer** to set up and connect to a Bluetooth printer.
   - Tap **Add PictBridge Printer** to set up and connect to a PictBridge printer.

Note To learn how to set up a printer, refer to the JETCET PRINT help on your device.

Print a file

1. Tap **Start > Programs > JETCET PRINT**.
2. Locate and select the type of file that you want to print (document, image, or email/PIM) by tapping the corresponding tabs on the left side of the screen.
3. Tap and hold the file that you want to print, then tap **Print** on the menu.
4. Select a printer in the **Choose a Printer** list box, select the paper size, then tap **Next**.
5. Choose the page layout in the list, then tap **Next** to print the file.

Tip You can also print document and image files from File Explorer. To print, use File Explorer to locate the file you want to print. Tap and hold the file, then tap **Print** on the pop up menu.

Print a web page

1. Open your web browser and go to the web page that you want to print.
2. Tap and hold the screen, then tap **Print** on the menu.
3. Select a printer in the **Choose a Printer** list box, select the paper size, then tap **Next** to print the web page.

12.8 Microsoft® Office Mobile

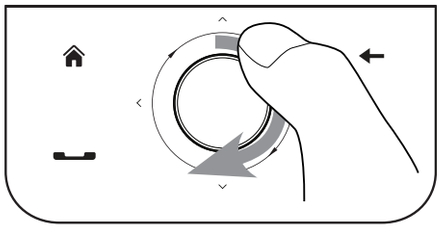
Microsoft® Office Mobile consists of the following applications:

- **Microsoft® Office Excel® Mobile** lets you create and edit Excel workbooks and templates on your device.
- **Microsoft® Office OneNote® Mobile** lets you create notes with text, photos, and voice recordings for synchronisation later with Microsoft® Office OneNote® 2007 on your computer.
- **Microsoft® Office PowerPoint® Mobile** allows you to view (not create) slide show presentations in ***.ppt** and ***.pps** formats.
- **Microsoft® Office Word Mobile** lets you create and edit documents and templates in Word Mobile and save them as ***.doc**, ***.rtf**, ***.txt**, and ***.dot** files.

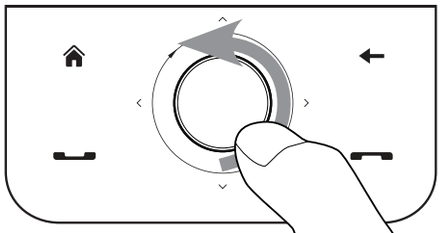
To use Microsoft Office Mobile

1. Tap **Start > Office Mobile**.
2. Tap the Office Mobile application that you want to use.

When working with Word Mobile and Excel Mobile files, you can use the Navigation Control on your device for zooming:



To zoom in, slide your finger clockwise around the Navigation Control.



To zoom out, slide your finger anti-clockwise around the Navigation Control.

Word Mobile and Excel Mobile do not fully support some features of Microsoft® Office Word and Microsoft® Office Excel®. To see a complete list of features that are not supported in Word Mobile and Excel Mobile, see Help on your device.

Tips

- By default, Word Mobile saves documents in **.docx** format, while Excel Mobile saves workbooks in **.xlsx** format. If you want to open these types of files on a computer that uses Microsoft Office 2000, Office XP, or Office 2003, you need to download and install the **File Format Converter** in your computer. You can find this converter at http://www.microsoft.com/downloads/details.aspx?FamilyId=941B3470-3AE9-4AEE-8F43-C6BB74CD1466&displaylang=en.
- If you want Word Mobile to save documents in **.doc** format, tap **Menu > Tools > Options** (or **Menu > Options** when no document is opened), then change the **Default template** to **Word 97-2003 Document (.doc)**.
- If you want Excel Mobile to save workbooks in a format that is compatible with Microsoft Office 2000, Office XP, or Office 2003, tap **Menu > Options** (with no workbook opened), then change the **Template for new workbook** to **Blank 97-2003 Workbook**.

12.9 Notes

Using **Notes**, you can create handwritten and typed notes, record voice notes, convert handwritten notes to text for easy readability, and more.

To create a note

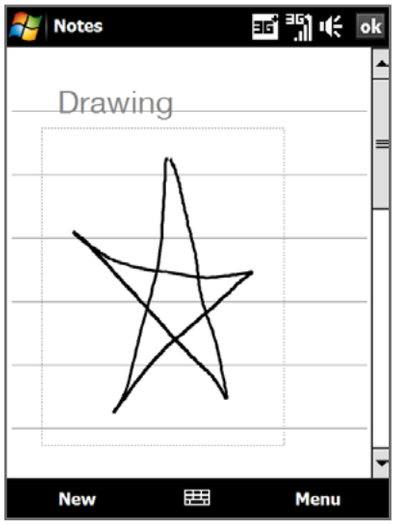
1. Tap **Start > Programs > Business Applications > Notes**. In the note list, tap **New**.
2. Choose an input method and then enter your text.

   Tip For more information about input methods and entering text, see Chapter 4.
3. When finished, tap **OK** to save and return to the note list.

Notes

- To select handwritten text, tap and hold next to the writing. As soon as dots appear, and before they form a complete circle, quickly drag across the writing.
- If a letter crosses three ruled lines, it is treated as a drawing rather than text.

To draw in a note



1. Create or open a note file.
2. Use the stylus to draw on the screen. A selection box then appears around your drawing.
3. Tap **OK** to save.

Note To select a drawing (for example, to copy or delete it), tap and hold the drawing briefly. When you lift the stylus, the drawing is selected.

To record a voice note

You can create a stand-alone recording (voice note) or you can add a recording to a note.

1. Tap **Start > Programs > Business Applications > Notes**.
2. If you do not see the Recording toolbar, tap **Menu > View Recording Toolbar**.
3. Do one of the following:
   - To add a recording to a note, create or open a note.
   - To create a stand-alone recording, record from the note list.
4. Tap the **Record** icon (●) to begin recording your voice. Tap the **Stop** icon (■) when you are finished recording.

Tip To select the voice recording format, return to the note list and then tap **Menu > Options > Global Input Options** link (at the bottom of the Options screen). On the Input screen, tap the **Options** tab and choose the desired format from the **Voice recording format** list.

12.10 Java

MIDlets are Java applications such as games and tools that can run on mobile devices, while a MIDlet suite is a collection of one or more MIDlets. The **Java** program lets you download, install and manage MIDlets or MIDlet suites on your device. Your device supports Java 2 Micro Edition, J2ME.

To open the Java program

Tap **Start** > **Programs** > **Tools** > **Java**.

Install and launch MIDlets/MIDlet suites

There are several ways to install a MIDlet/MIDlet suite.

To download and install via Internet Explorer Mobile

1. Tap **Menu** > **Install** > **Browser** to open Internet Explorer Mobile.
2. Locate the MIDlet/MIDlet suite while connected to the Internet.
3. Select the MIDlet/MIDlet suite to download.
4. Information about the MIDlet/MIDlet suite is then displayed. Tap **Continue**.
5. Confirm to start downloading.
6. Select **<root>** or a folder where to install the MIDlet suite to, then tap **OK**.

To install from your device

You can copy MIDlets/MIDlet suites from the computer to your device using the USB sync cable or Bluetooth connection. Copy them to the root folder or any subfolder on your device.

1. Tap **Menu** > **Install** > **Local Files**. The program then searches for MIDlets/MIDlet suites on your device and displays them in a list.
2. From the list, tap the MIDlet/MIDlet suite that you want to install.
3. Confirm to start the installation.
4. Select **<root>** or a folder where to install the MIDlet suite to, then tap **OK**.

To run a MIDlet/MIDlet suite

Do one of the following:

- After installation of the MIDlet/MIDlet suite is complete, tap **Yes**.
- On the Java screen, open the folder that contains the MIDlet/MIDlet suite. Select the MIDlet/MIDlet suite, then tap **Launch**.

Manage MIDlets/MIDlet suites

You can organise MIDlets/MIDlet suites into folders for easy identification, renaming, updating, and more. If the device memory is full, uninstall some MIDlets/MIDlet suites to free up memory space.

To create folders

1. On the Java screen, tap **Menu > New Folder**.
2. Enter a folder name, then tap **Create**.

To update a MIDlet/MIDlet suite

Tap and hold a MIDlet/MIDlet suite, then tap **Update**. Alternatively, you can tap **Menu > Actions > Update**.

Java will search for updates for the selected MIDlet/MIDlet suite where it was installed from before.

To uninstall MIDlets

Before you uninstall a MIDlet, make sure that it is not running.

1. Tap and hold the MIDlet, then tap **Uninstall**.
2. Tap **OK** to confirm.

Note To uninstall all MIDlets and folders from the current folder, tap **Menu > Uninstall All**.

12.11 SIM Manager

SIM Manager allows you to view the contents of your SIM card, transfer contacts from your SIM card to your device or vice versa, and make a call to a SIM contact.

To create a contact on your SIM card

1. Tap **Start > Programs > Tools > SIM Manager**.
2. Tap **New** and enter a contact name and phone number.
3. Tap **Save** to save the information on your SIM card.

Tip To change contact information on your SIM card, tap a SIM contact, edit the information, and then tap **Save**.

To copy SIM contacts to your device

If you have saved contacts on your SIM card, you can copy them into Contacts on your device.

1. On the SIM Manager screen, select the desired contact(s), or select all SIM contacts by tapping **Menu > Select All**.
2. Tap **Menu > Save to Contacts**.

To copy contacts to the SIM card

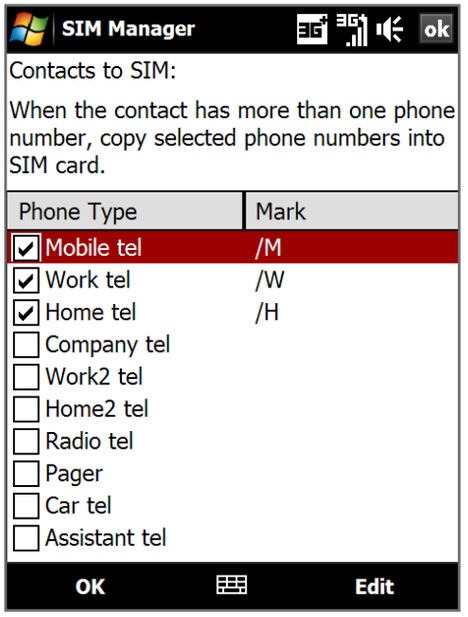
Only one phone number per contact name can be stored on a SIM card. When you copy a contact that has several phone numbers to your SIM card, SIM Manager saves each number under a separate name.

To save each number under a different contact name on the SIM card, SIM Manager appends an indicator at the end of each name.

By default, /M, /W and /H are appended to indicate mobile, work and home phone numbers respectively. You can edit this indicator first before you start copying contacts to your SIM card. Indicators of the other types of phone numbers are left empty for you to define them.

1. On the SIM Manager screen, tap **Menu > Tools > Options**.

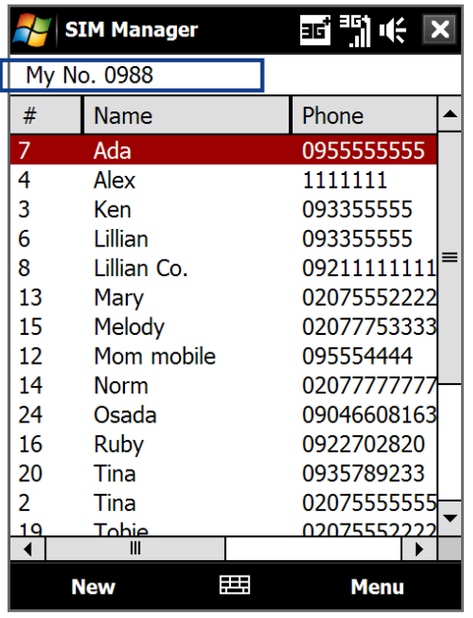
2. Select the check boxes of the types of phone numbers that you want to be added to the SIM card.
3. Under the **Mark** column, you can change the indicator that will be appended to the SIM contact names for each phone number type. To do so, select a phone type, tap **Edit**, enter your desired indicator, then tap **Save**.
4. After modifying, tap **OK**.
5. Tap **Menu > Contacts to SIM**.
6. Select the check boxes of the contact's phone numbers that you want to copy to your SIM card, then tap **Save**.



To store your SIM card's phone number

1. On the SIM Manager screen, tap **Menu > Tools > List of Own Numbers**.
2. Tap **Voice Line 1**.
3. Change the name, if desired, then enter your mobile phone number.
4. Tap **Save**.

When your phone number is stored on the SIM card, it will appear on the SIM Manager screen.



12.12 Spb GPRS Monitor

Using **Spb GPRS Monitor**, you can monitor how much data you have sent and received on your device, and check the network usage costs by taking into account your service plan details. You can also view connection cost and traffic charts, generate reports of network connection usage, and export reports to CSV files for use with Microsoft® Office Excel® and Access.

Install GPRS Monitor

The GPRS Monitor program is included in the Application disc. To install it onto your device, run the program's installer on your computer. Follow the on-screen instructions on your computer and your device to complete the installation.

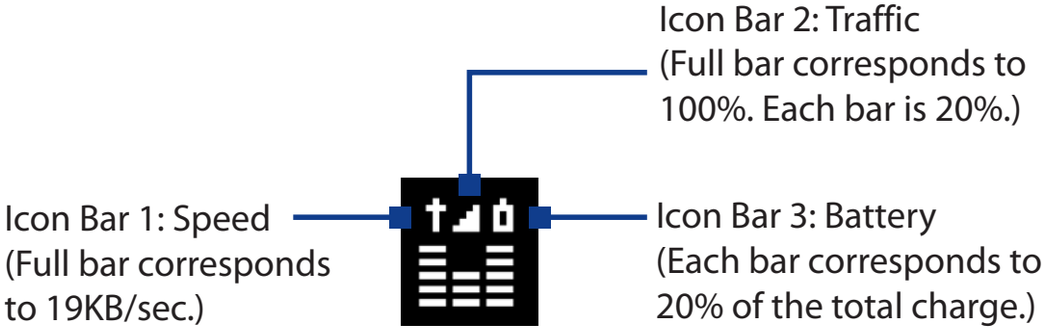
The GPRS Monitor icon and pop-up window

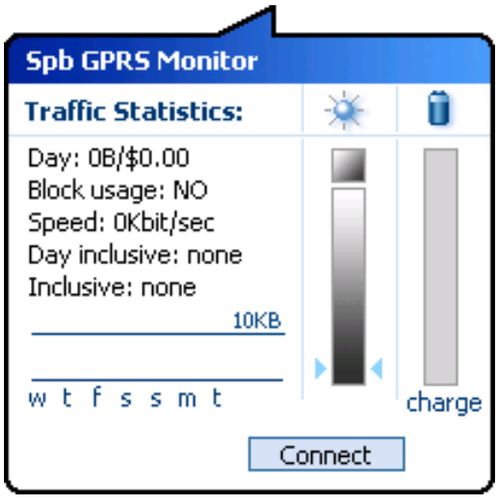
You can enable the GPRS Monitor icon to be shown on the title bar. This icon shows the data connection or dial-up connection speed, data traffic, and battery status.

To show the GPRS Monitor icon on the title bar

1. Tap **Start** > **Programs** > **Spb GPRS Monitor**.
2. Tap **Tools** > **Options** > **Icon** tab.
3. Select the **Show taskbar icon** check box.

By default, the GPRS Monitor icon shows three bars that represent the following status information:





When you tap the GPRS Monitor icon on the title bar, a pop-up window opens and shows you detailed statistics about your data transfers, such as the data size you have just transferred and its cost, the allowable amount of data that you can transfer, and more.

Set up monitoring and notification

To select the connection to be monitored

1. On the GPRS Monitor screen, tap **Tools** > **Options** > **Connection** tab.
2. Select the **Enable connection monitoring** check box.
3. In the **Connection** list, select the connection you want to monitor.

To enter your service plan details

Service plan details, or tariffs, determine the price that you pay for your data transfers. The tariff may either be flat rate or time-based, depending on whether you're using GPRS or a phone dial-up connection for data transfers.

Contact your wireless service provider to find out about your tariff, and enter the information in the **Tariff** tab or the **Tariff Details** tab on the Options screen.

Note The calculation of network usage costs is based on the information that you entered, and is only an estimate. The actual amount billed by your service provider may differ.

To set up traffic limit notifications

You can set up traffic limit notifications if you want to be notified when a traffic limit is reached.

1. On the GPRS Monitor screen, tap **Tools > Options**.
2. Enable the notifications on the **Day Warn** and **Month Warn** tabs. You can specify up to three daily and three monthly limits.

   Once traffic reaches one of these limits, you will receive a notification.

View charts and reports

On the GPRS Monitor, you can view network connection cost charts and traffic charts, as well as generate detailed reports of network connection usage during a given period of time. These reports can be exported to CSV files that you can open using Excel, Access, or other similar spreadsheet and database software applications.

To view charts and generate reports

On the GPRS Monitor screen:

- Tap the **Chart** tab to view the network connection cost charts and traffic charts.
- Tap the **Report** tab to generate reports on network traffic and tariff.

For more information about using Spb GPRS Monitor, see Help on your device.

12.13 Sprite Backup

Use **Sprite Backup** to back up data, which includes settings, files, contacts, and all other information, to the device memory, storage card or a computer.

Note If you are sending your device for repair or performing a hard reset, data from your device will be lost. It is recommended that you use Sprite Backup to back up your files including settings, contacts and other information to your computer or a storage card.

To install Sprite Backup

1. Make sure your device is connected to your computer via a USB cable.
2. Insert the Application disc on your computer's disc drive and start the Sprite Backup installation.
3. Follow the on-screen instructions to install the Sprite Backup PC Manager to your computer and the Sprite Backup program onto your device.

To open Sprite Backup

On your device, tap **Start > Programs > Sprite Backup**.

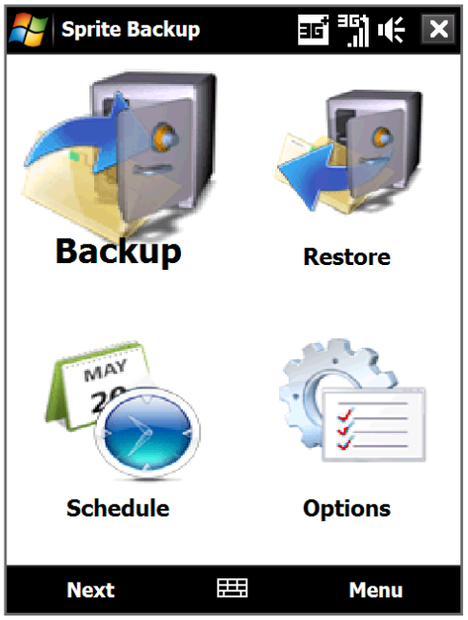
Before you start to back up or restore files, check the following:

- Make sure that the device storage memory has at least 15MB of free space. To check, tap **Start > Settings > System** tab **> Memory > Main** tab.
- If you have a storage card installed, make sure that it has at least 100MB of free space. To check, tap **Start > Settings > System** tab **> Memory > Storage Card** tab.

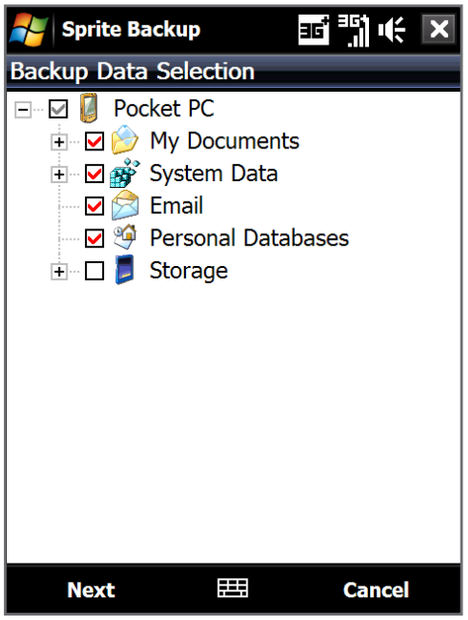
To back up data

1. To back up data remotely to a computer, enable the PC backup feature first. See "To enable remote backup to a computer" for instructions.
2. On the Sprite Backup main screen, tap **Backup**.
3. On the Backup Data Selection screen, you will see a tree view of the data and files on your device. Tap "**+**" before an item to view its sub-items.

Use the check boxes to select or exclude items for backup.



Main screen



Backup Data Selection screen

Notes

- To prevent data restore problems, it is recommended that you exclude the device's **File System** from back up. To exclude File System from back up, tap "+" before the **System Data** item to expand the list, then clear the **File System** checkbox.
- When File System is excluded from back up, you need to reinstall all third party programs to your device after you do a hard reset and restored your files.

4. After selecting data items, tap **Next**. The Save As screen then appears.
5. Enter a file name for the backup file.
6. In **Location**, choose whether to save the backup file to **\Storage Card** (if one is installed), **\My Documents** on the device memory, or to a **PC**.

   Tip When backing up data to a storage card or to \My Documents on the device memory, you can also choose a specific folder where to save the backup file.
7. Tap **Next**.
8. On the Device Reset Required screen, tap **Next** to start the backup.

Note Do not start and use any programs on your device until the backup process is completed.

To restore data

1. On the Sprite Backup main screen, tap **Restore**. Sprite Backup then searches for all available backup files on the device memory and storage card and then displays them on the Open File screen.

   Tip To search for backup files created on your computer, connect your device to your computer and run Sprite Backup PC Manager on your computer. In Sprite Backup's Open File screen on your device, set **Location** to **PC**.

2. Select the backup file you want to restore and then tap **Next**.
3. In the tree view, select the items you want to be restored to your device and then tap **Next**.

   Note If your device has an enabled SIM PIN lock, a screen will appear prompting you to set up the Sprite Backup SIM Unlock feature. It is recommended that you set up this feature to prevent file restoration errors. To set up the SIM PIN lock, tap **Setup Phone SIM Lock**.

4. On the Device Reset Required screen, tap **Next** to begin restoring data.

Note Sprite Backup resets your device before it begins the backup or restoration process. It resets the device again after the operation is completed.

To enable remote backup to a computer

1. On the Sprite Backup main screen, tap **Options > Networking > PC**.
2. Select the **Enable PC Backup** check box and choose whether to do the remote backup to your computer via ActiveSync or network.

For more information about using Sprite Backup, see the Sprite Backup Help or download the Sprite Backup User Manual from http://www.spritesoftware.com/.

12.14 Tasks

Use **Tasks** to keep track of things you need to do. A task can occur once or repeatedly (recurring).

Your tasks are displayed in a task list. Overdue tasks are displayed in red. A reminder will be displayed when you have new tasks to be completed.

To create a task

1. Tap **Start > Programs > Business Applications > Tasks**.
2. Tap **Menu > New Task**, enter a subject for the task, and fill in information such as start and due dates, priority, and so on.
3. Specify the type of category for your task, so that it can be grouped with other related tasks. Tap **Categories**, then select a preset category (Business, Holiday, Personal, or Seasonal), or tap **New** to create your own category.
4. When finished, tap **OK**.

To change the priority of a task

Before you can sort tasks by priority, you need to specify a priority level for each task.

1. Tap **Start > Programs > Business Applications > Tasks**.
2. Tap the task you want to change the priority for.
3. Tap **Edit**, and tap a priority level in the **Priority** box.
4. Tap **OK** to return to the task list.

Note All new tasks are assigned a Normal priority by default.

To show start and due dates in the task list

1. Tap **Start > Programs > Business Applications > Tasks**.
2. Tap **Menu > Options**.
3. Select the **Show start and due dates** check box, then tap **OK**.

To send task information as a vCalendar

After selecting the task to send in the Task screen, tap **Menu > Send as vCalendar** to send a vCalendar containing task details as a file attachment in an MMS message. For more information, see "MMS" in Chapter 6.

12.15 Voice Recorder

Voice Recorder lets you record your voice and quickly send it as an MMS or email attachment, beam it via Bluetooth, or set the recorded voice as your ring tone.

Note Voice Recorder saves voice recordings in AMR-NB (Adaptive Multi-Rate Narrowband) format only. This is a common speech audio format used in mobile devices.

To record your voice

1. Tap **Start > Programs > Business Applications > Voice Recorder**.
2. Hold the device's microphone close to your mouth.
3. Touch **Record** or  to start recording. Tap **Stop** or  to end the recording.

To select or create a folder where to save voice recordings

By default, all recordings are saved in the **My Voices** folder of the device. You can choose another folder or create a new folder to save your voice recordings.

Note If a storage card is installed before you open Voice Recorder, the recordings are saved in the **My Voices** folder on the storage card by default.

1. Tap the arrow beside the folder name on the top-left of the screen.
2. In the menu that opens, choose an existing folder or touch **Add/Delete** to create a new folder.

To play back a voice recording

On the Voice Recorder screen, touch a voice recording, or navigate to a voice recording and then tap **Play** ().

Tip If you need to adjust the sound volume, touch any of the status icons on the title bar and then touch the **Volume** icon ( ) to open the System Volume screen where you can adjust the volume.

To send a voice recording through MMS

Select a voice recording, then tap **Menu > Send via MMS**. A new MMS message is then created with the voice recording automatically inserted as an audio clip.

See "MMS" in Chapter 6 to learn how to compose and send MMS messages.

To send a voice recording via email

Select a voice recording, tap **Menu > Send**, and then select an email account. This creates a new email message with the voice recording inserted as a file attachment.

See "Using Email" in Chapter 6 to learn how to send emails.

To beam a voice recording via Bluetooth

1. Select the voice recording you want to beam, then tap **Menu > Beam File**.

   Tip To select multiple recordings, tap and drag over the desired recordings or tap **Menu > Select All**.

2. Tap the device you want to send the voice recording to.
3. On the other device, accept the file transfer to receive the file.

To set a voice recording as ring tone

Select the voice recording, then tap **Menu > Set as Ringtone**.

To rename or move a recording

1. Select the voice recording, then tap **Menu > Rename/Move**.

   Tip To select multiple recordings, tap and drag over the desired recordings or tap **Menu > Select All**. Note that you can move multiple files, but you cannot rename multiple files simultaneously.

2. In **Name**, enter the new voice recording name.
3. To move the voice recording, select the new destination **Folder** and **Location**.
4. Tap **OK**.

12.16 Voice Speed Dial

You can record voice tags so that you can dial a phone number or launch programs simply by speaking a word.

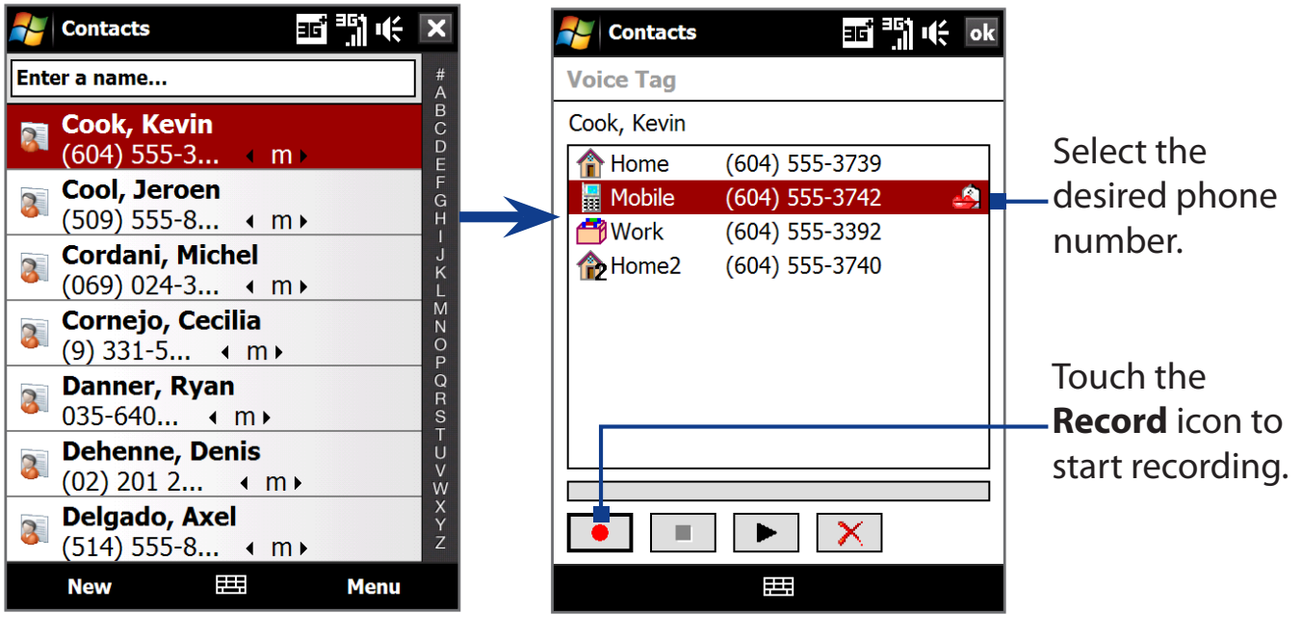
To create a voice tag for a phone number

1. On the TouchFLO 3D Home screen, slide to the **People** tab and then touch **All People** to open the Contacts screen.

   Tip You can also touch **Start > Contacts** to open the Contacts screen.

2. Do one of the following:
   - Scroll to the desired contact, then touch **Menu > Add Voice Tag**.
   - Touch the desired contact to open the contact card and then touch **Menu > Add Voice Tag**.
   - Use the stylus to tap and hold the desired contact, then tap **Add Voice Tag**.
3. Select the phone number that you want to create a voice tag for, then touch **Record** ( ).

   Tip To ensure voice recognition accuracy, record your voice in a quiet place.



4. When completed, a **Voice Tag** icon  is displayed on the right of the item.

To create a voice tag for a program

Touch **Start > Settings > Personal** tab **> Voice Speed Dial > Application** tab.

The **Application** tab displays a list of all installed programs on your device. The procedure for creating a voice tag for a program is the same as the procedure for creating a voice tag for a phone number.

To make a call or launch programs using a voice tag

1. Touch **Start > Programs > Voice Speed Dial**.
2. After the beep, say the recorded voice tag that you have assigned to the phone number you want to call or the program you want to launch. The system will repeat the voice tag, then dial out or launch the program automatically.

Note If the system cannot recognise your voice tag, move to a quiet place, then try again while speaking clearly.

To view and test the voice tags you have created

1. Touch **Start > Settings > Personal** tab **> Voice Speed Dial**.
2. The **Voice Tag** tab displays a list that contains all the voice tags you have created. Select an item in the list, then do one of the following.
   - Touch the **Record** button () to rebuild the voice tag.
   - Touch the **Play** button () to play the voice tag.
   - Touch the **Delete** button () to delete the voice tag.

12.17 WorldCard Mobile

WorldCard Mobile lets you take a photo of a business card and easily export the contact information on the card into your Contacts.

Install WorldCard Mobile

The WorldCard Mobile program is included in the Applications disc. To install it onto your device, run the program's installer on your computer. Follow the on-screen instructions on your computer and your device to complete the installation.

To open WorldCard Mobile

Tap **Start > Programs > WorldCard Mobile**.

Note If you do not find WorldCard Mobile in the Programs screen, you need to install it from the Application disc.


Tap to view the WorldCard Mobile copyright information.
Tap to open the WorldCard Mobile help.
WorldCard Mobile
ok
WorldCard Mobile
Tap to open the Camera program and take a photo of a business card.
Tap to exit WorldCard Mobile.

Capture and export business card information

Capture a business card and export the card information as a new contact in your Contacts list.

To capture a business card and export its information to Contacts

1. Tap  on the WorldCard Mobile screen.
2. Press ENTER to take a photo of the business card. Refer to Chapter 11 for details on how to use the camera.

   Tip Make sure that the business card is displayed completely in the Camera screen before you take the photo, and that lighting is adequate.

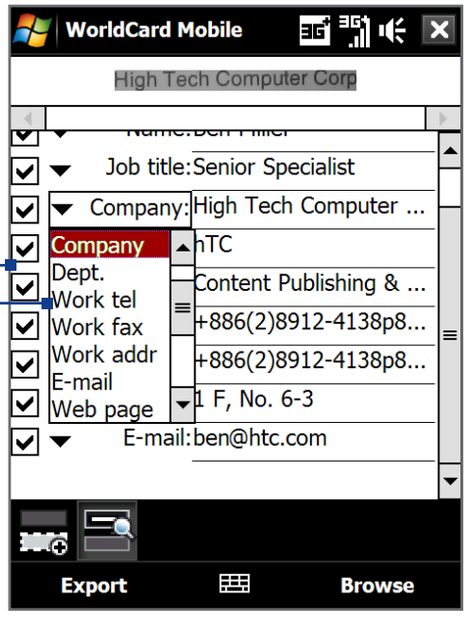
3. On the WorldCard Mobile screen, tap **Recognize**.

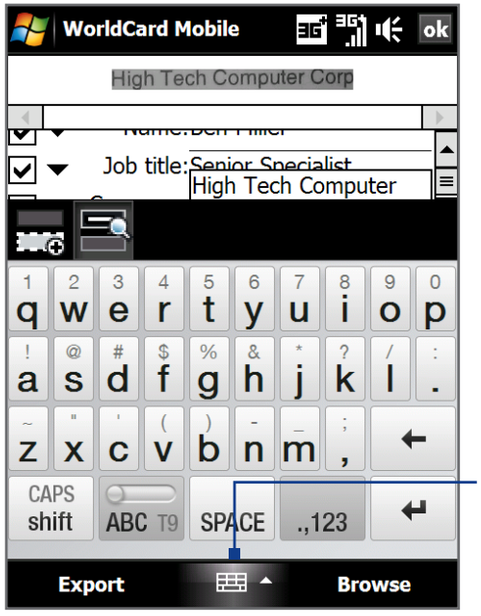
   Tips
   - If you want to retake the shot, tap **Re-Capture**.
   - For better recognition, choose the **Language** and **Region** based on the language used in the business card.

4. The screen shows various contact information from the business card. Use the on-screen keyboard to edit the contact information, if needed.

Clear this box if you do not want to include the particular information for the contact when exported to the Contacts list.

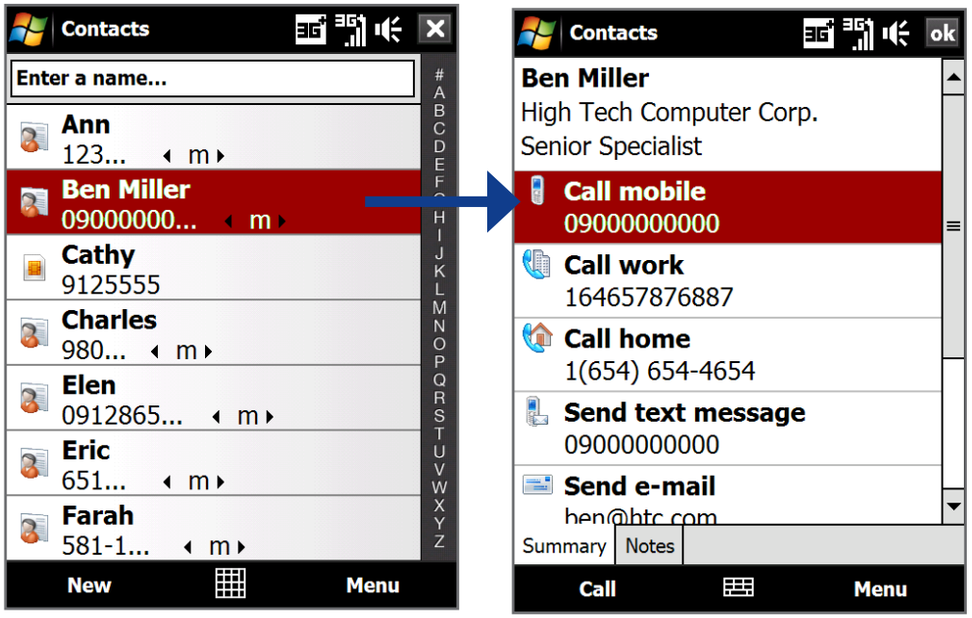
Tap the down arrow to change the field name.





Tap to open the on-screen keyboard and edit the contact details.

5. Tap **Export**, then go to your Contacts list to view the exported contact.



For more information about using WorldCard Mobile, see Help on your device.

12.18 ZIP

The **ZIP** program increases the storage capacity of your device by allowing you to compress files in the conventional ZIP format. It also allows you to extract files from a ZIP file.

To start ZIP on your device

Tap **Start > Programs > Business Applications > Zip**.

Each time you start ZIP, it searches for files that have the .zip file extension, and displays these files on the Archive List screen.

To open a ZIP file and extract files

1. Touch a ZIP file to open it, or navigate to a ZIP file and then touch **File > Open Archive**.

   Note You cannot select multiple ZIP files.

2. From the ZIP file, select files by doing one of the following:
   - Touch a file to select it.
   - To select several files, touch **Menu > Action** and make sure **Multi-Select Mode** is selected. Select files by touching each file. (Touch a selected file to deselect it).
   - To select all files, touch **Menu > Action > Select All**.
3. Touch **Menu > Action > Extract**.
4. Choose a folder where the files will be extracted to, then touch **Extract**.
5. Touch **Menu > File > Close Archive** to close the ZIP file.

To create a new ZIP archive

1. Touch **File > New Archive**.
2. On the Save As screen, enter the ZIP file name and choose a folder where you want to save it. You can also choose whether to save the ZIP file on the device's main memory or storage card.
3. Touch **Save**.
4. Touch **Menu > Action > Add**.
5. Navigate to the folder that contains the files you want to archive.
6. Select files to add by doing one of the following:
   - Touch a file to select it.
   - To select several consecutive files, drag over the files.
   - To select several non-contiguous files, use the stylus to tap and hold on the screen and then select **Multi-Select Mode**. Select files by tapping each file. (Tap a selected file to deselect it).
   - To select all files, use the stylus to tap and hold on the screen and then tap **Select All**.
7. Touch **Add**.
8. Touch **Menu > File > Close Archive** to save and close the ZIP file.

Chapter 13

Managing Your Device

13.1 Copying and Managing Files

13.2 Settings on your Device

13.3 Changing Basic Settings

13.4 Using Task Manager

13.5 Protecting Your Device

13.6 Connecting to an External Display

13.7 Managing Memory

13.8 Resetting Your Device

13.9 Windows Update

13.10 Battery Saving Tips

13.1 Copying and Managing Files

You can copy files between your device and computer, or copy files to a storage card installed on your device. You can also efficiently manage your files and folders using File Explorer.

To copy files using Windows Mobile Device Center or ActiveSync

1. Connect your device to the computer.
2. Click **File Management > Browse the contents of your device** in Windows Mobile Device Center on your computer, or click **Explore** in ActiveSync on your computer. This opens Windows Explorer on your computer and displays the contents of your device.
3. To copy a file from your device to your computer:
   a. Browse the contents of your device, right-click the file you want to copy, then click **Copy**.
   b. Right-click a folder on your computer, then click **Paste**.
4. To copy a file from your computer to your device:
   a. Browse the folders on your computer, right-click the file you want to copy, then click **Copy**.
   b. Right-click a folder on your device, then click **Paste**.

To manage files on your device using File Explorer

File Explorer lets you browse and manage the contents of your device. The root folder on the device is named **My Device**, and contains the following folders: My Documents, Program Files, Windows, and more.

1. Tap **Start > Programs > File Explorer**.
2. Tap a folder or file to open it.
3. To return to an upper level folder, tap **Up** and select the folder.
4. To quickly delete, rename, or copy a file, tap and hold the file, then choose

the desired operation on the shortcut menu. To copy or delete multiple files, tap and drag over the desired files to select, tap and hold the selection, then choose the desired operation on the shortcut menu.

To copy files to the storage card

1. Tap **Start > Programs > File Explorer** and navigate to the appropriate folder.
2. Tap and hold the file you want to copy, then tap **Copy**.
3. Tap the down arrow (▼), then tap **Storage Card** in the list.
4. Tap and hold an empty area on the screen and then select **Paste** on the menu.

Tip You can configure programs such as Word Mobile and Excel Mobile to directly save edited files onto the storage card. In the program's file list, tap **Menu > Options**, then select the **Storage Card** in the **Save to** box.

13.2 Settings on your Device

You can adjust the device settings to suit the way you work. To see all available settings, slide to the **Settings** tab on the Home screen and tap **All Settings**.

Personal tab

Icon	Description
	**Buttons** Assign a program or function to a hardware button.
	**Input** Set options for each of the input methods.
	**Keyboard Sliding Sound** Select a sound to play when you open and close the hardware keyboard.
	**Lock** Set a password for your device.

Icon	Description
	**Menus** Set which programs will appear in the Start menu.
	**Owner Information** Enter your personal information on your device.
	**Phone** Customise phone settings such as ring tone, set a PIN number for your SIM card, and more.
	**Sounds & Notifications** Enable sounds for events, notifications, and more, and set the type of notification for different events.
	**Today** Customise the appearance and the information to be displayed on the Home screen.
	**Voice Speed Dial** Create voice tags for voice dialling contacts and SIM contacts as well as for launching programs.

System tab

Icon	Description
	**About** This is where you can see basic information such as the Windows Mobile® version and type of processor used on your device. You can also specify a name for your device.
	**Certificates** See information about certificates that are installed on your device.
	**Clear Storage** Reset your device to factory default settings.
	**Clock & Alarms** Set the device clock to the date and time of your locale or to a visiting time zone when you're travelling. Alarms can also be set at specified days and times of a week.

Icon	Description
	**Customer Feedback** Set your device to automatically send information about how you use Windows Mobile. By default, this option is disabled.
	**Device Information** See information about the firmware version, hardware, identity, and the duration of calls made on your device.
	**Encryption** Encrypt files on your storage card. Encrypted files will only be readable on your device.
	**Error Reporting** Enable or disable the device's error reporting function. When this function is enabled and a program error occurs, technical data about the state of the program and your computer will be logged in a text file and delivered to Microsoft's technical support if you choose to send it.
	**External GPS** Set the appropriate GPS communication ports, if required. You may need to do this when there are programs on your device that access GPS data or you have connected a GPS receiver to your device. See Help for details.
	**G-Sensor** Recalibrate the G-Sensor of the device. Use when auto-rotate is not working properly.
	**Long Press End Key** Choose the desired function to be executed (for instance, lock the device) when pressing and holding the END key.
	**Managed Programs** Displays the programs that were installed on your device using System Center Mobile Device Manager.
	**Memory** Check the device memory allocation status and storage card information.
	**Microphone AGC** Adjust the volume of your voice automatically when you are recording.
	**Power** Check the remaining battery power. You can also set the brightness of the backlight and timeout for turning off the display (switching device to Sleep mode) to conserve battery power.

Icon	Description
	**Regional Settings** Set the regional configuration to use, including the format for displaying numbers, currency, date, and time on your device.
	**Remove Programs** Remove programs that you installed on your device.
	**Screen** Re-calibrate the screen, apply ClearType, and change the screen text size.
	**Task Manager** Stop running programs and set the ( ) button to end programs immediately when you tap the button. For more information, see "Using Task Manager" in this chapter.
	**TouchFLO** You can enable or mute the finger scrolling and panning sound. You can also enable or disable the large Start menu, and choose to show or hide the System Status screen when title bar icons are tapped.
	**TV Out** Set the video standard to use when outputting to an external display.
	**Windows Update** Link to Microsoft's web site and update Windows Mobile® on your device with the latest security patches or fixes if they are available.

Connections tab

Icon	Description
	**Advanced Network** Turn on/off HSPA, set the GPRS authentication method, and set the line type to use when making circuit switch data (CSD) connection. HSPA is a 3.5G digital data service that provides high-speed downstream data rates. In order for your device to attain the high connection speed of HSPA, your wireless service provider must support this feature and you must be within the coverage area of your service provider's HSPA network. Your device supports up to 7.2 Mbps download speeds.
	**Beam** Set your device to receive incoming Bluetooth beams.
	**Bluetooth** Turn Bluetooth on, set your device to visible mode, and scan for other Bluetooth devices.
	**Comm Manager** Manage your device's connections (including GPRS/3G, Wi-Fi, and Bluetooth), turn the phone on or off, and enable or disable the Direct Push function.
	**Connections** Set up one or more types of modem connections for your device, such as phone dial-up, GPRS, and more, so that your device can connect to the Internet or a private local network.
	**Domain Enroll** Enroll your device in your company's domain to let System Center Mobile Device Manager to manage the device. Please ask your Server Administrator for more details.
	**USB to PC** Set the type of USB connection to your PC. Select the ActiveSync option for synchronising data, or use Disk Drive mode for transferring files.
	**Wi-Fi** Scan for available wireless networks.
	**Wireless LAN** See information about the active wireless network, and customise Wi-Fi settings.

13.3 Changing Basic Settings

Date and time

To set the date and time

1. On the Home screen **Home** tab, tap the time display and then tap the **Time** tab.

   Tip Tap the **More** tab and select the **Display the clock on the title bar in all programs** option to show the clock on all screens.

2. Select the correct time zone and change the date or time.

Note During synchronisation, the time on your device is updated with the time on your computer.

To set the date and time for a different location

If you visit or communicate with someone in a particular time zone often, you can select it as your visiting time zone.

1. On the Home screen **Home** tab, tap the time display and then tap the **Time** tab.
2. Tap **Visiting**.
3. Select the correct time zone and change the date or time.

Regional settings

The style in which numbers, currency, dates, and times are displayed is specified in regional settings.

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Regional Settings** > **Region** tab and then select your region from the list.

   Note This does not change the language of your device's operating system.

   The region you select determines which options will be available on the other tabs.

3. To customise regional settings further, tap the appropriate tabs and set the desired options.

Display settings

To adjust the screen brightness

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Power > Backlight** tab.
3. Adjust the brightness by dragging the slider under **On battery power** and **On external power**.

Tip Select **Auto adjust backlight** to automatically adjust the backlight brightness according to the ambient lighting.

To set the backlight to dim after a time delay

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Power > Advanced** tab.
3. In **On battery power** and **On external power**, select the **Turn off backlight if device is not used for** check box, then specify the time delay.

To increase or decrease the size of text on the screen

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Screen > Text Size** tab.
3. Move the slider to increase or decrease the text size.

Device name

The device name is used to identify your device in the following situations:

- Synchronising with a computer
- Connecting to a network
- Restoring information from a backup

Note If you synchronise multiple devices with the same computer, each device must have a unique name.

To change the device name

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **About > Device ID** tab.
3. Enter the device name.

Notes

- The device name must begin with a letter, consist of letters from **A** to **Z**, numbers from **0** to **9**, and cannot contain spaces. Use the underscore character to separate words.
- If you enroll your device to your company's domain, the device name will be changed to be the same as the one used to enroll the device.

Ringer settings

To change the ring type and ring tone

1. On the Home screen, slide to the **Settings** tab and then tap **Sound**.
2. Scroll down and then tap **Ring Type**. Select the Ring Type you want to use and then tap **Done**.
3. Tap **Ringtone** and then select the ringtone you want to use.
4. Tap **Done**.

Tips

- You can use ***.wav**, ***.mid**, ***.mp3**, ***.wma**, or other types of sound files that you downloaded from the Internet or copied from your computer as ring tones. To quickly set the music file as a ring tone, tap and hold the music file and then select **Set As Ringtone**. For a complete list of supported audio file formats for ring tones, see "Specifications" in the Appendix.
- To use your sound files as ring tones, copy them first to the **/My Documents/My Ringtones** folder on your device, then select the sound from the **Ring tone** list of your device. For more information about copying files, see "Copying and Managing Files" in this chapter.

Alarms and notifications

To set an alarm

1. On the Home screen **Home** tab, tap the time display and then tap the **Alarms** tab.
2. Tap **<Description>** and enter a name for the alarm.
3. Tap the day of the week for the alarm. Select multiple days by tapping each desired day. Tap again to deselect the day.
4. Tap the time to open a clock and set the time for the alarm.

   Tip You can drag the hour and minute hands of the clock to set the time.
5. Tap the alarm icon () to specify the type of alarm you want. You can choose a flashing light, a single sound, a repeating sound, or vibration.
6. If you choose to play a sound, tap the list next to the **Play sound** check box and tap the sound you want.

To choose how to be notified about events or actions

1. On the Home screen, slide to the **Settings** tab and then tap **Sound > Advanced**.
2. On the **Sounds** tab, choose how you want to be notified by selecting the appropriate check boxes.
3. On the **Notifications** tab, in **Event**, tap an event name and choose how you want to be notified by selecting the appropriate check boxes. You can choose from several options, such as a special sound, a message, a flashing light, or vibrate.

   Tip Turning off sounds and flashing light notifications helps conserve battery power.

Phone services

Your device can directly link to the mobile phone network, and enable you to access and change the settings of various phone services for your device. Phone services may include Call Forwarding, Call Waiting, Voicemail, and more. Contact your wireless service provider to find out about the availability of phone services for your device.

To access and change settings of phone services

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **Personal** tab, tap **Phone > Services** tab.
3. Select the service you want to use, then tap **Get Settings**.
4. Choose your desired options, then tap **OK**.

For more information about customising settings of phone services, see Help on your device.

13.4 Using Task Manager

Task Manager lets you view and stop running programs, configure the ✕ button, and enable the Quick Menu on the Home screen.

To open Task Manager

- Tap the **Quick Menu** button on the top right corner of the Home screen to open the Quick Menu, then tap  .
- On the Home screen, slide to the **Settings** tab and then tap **All Settings**. On the **System** tab, tap **Task Manager**.

To switch back to a running program

- Tap the program name in the Quick Menu.
- On the Task Manager screen, tap and hold the program name on the **Running** tab, then tap **Activate**.

To configure the Exit ( ) button

You can configure the **Exit** button to shut down running programs when the button is tapped, or to just temporarily close the program screen but keep the program running.

1. On the Task Manager screen, tap the **Button** tab.
2. Select the **Enable the "X" button to end running programs** check box.

   Note When the **Enable the "X" button to end running programs** check box is not selected, tapping the **Exit** button will only close a program screen. The program is not ended and continues to run in the background.

3. Choose the action for shutting down programs (by tapping the button, or by tapping and holding the button).
4. Tap **OK**.

To close running programs from the Task Manager

1. On the Task Manager screen, tap the **Running** tab.
2. Do one of the following:
   - Select the check box of the programs that you want to close, then tap **Stop Selected**.
   - Tap **Stop All** to close all programs in the list.
   - Tap **Menu > Stop All but Selected** to close all programs except those which check boxes are selected.

Tip You can also close running programs from the Quick Menu on the Home screen. See "Quick Menu" in Chapter 1 for details.

To add a running program to the exclusive list

If you add a running program to the **Exclusive Programs List**, it will not be closed when you tap **Stop Selected** or **Stop All** and will not be listed in the Quick Menu on the Home Screen.

1. On the Task Manager screen, tap the **Running** tab.
2. Tap and hold the program name, then tap **Add Exclusive**.

Tip To remove a program from the exclusive list, tap the **Exclusive** tab, select the check box of the program, then tap **Remove**.

To set the sorting preference and program icon size in the Quick Menu

1. On the Task Manager screen, tap the **Others** tab.
2. In **Sort programs in Quick Menu by**, choose whether to sort according to **Program name** or **Memory usage**. The list will be sorted in ascending order.
3. In **Program icon size in Quick Menu**, choose whether to use **Small size** or **Large size**.

13.5 Protecting Your Device

Protect your SIM card with a PIN

You can protect your SIM card from unauthorised use by assigning a PIN (personal identification number). The default SIM card PIN is provided by your wireless service provider.

To enable the SIM card PIN

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **Personal** tab, tap **Phone > PIN/PIN2** tab.
3. Select the **Require PIN when phone is used** check box.
4. Enter the PIN number and then tap **OK**. To change the PIN at any time, tap **Change PIN**.

Tip Emergency calls can be placed at any time, without requiring a PIN.

Protect your device with a password

You can help keep your data more secure by requiring a password every time the device is turned on.

To set a device password

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **Personal** tab, tap **Lock**.
3. Select the **Prompt if device unused for** check box, then specify the idle time before the device requires a password.
4. In the **Password type** box, select the type of password you would like to use.

   Tip If your device is configured to connect to a network, use an alphanumeric password for increased security.
5. Enter the password in both the **Password** and **Confirm** boxes.
6. Tap **OK**. The next time the device is turned on, you will be prompted to enter your password.

Notes

- To ensure that you can always make emergency calls, do not begin your password with the digits of your local emergency number.
- If you entered a hint, the hint will be displayed after the wrong password is entered five times.
- Each time a wrong password is entered, the device response time gets longer until the device appears to be not responding.
- If you forget your password, you can hard reset or clear the device memory. Before you do this, make sure you back up your data and files so that you can restore them back to your device. For more information about hard resetting the device and clearing the memory, see "Resetting Your Device" in this chapter.

13.6 Connecting to an External Display

The **TV Out** function outputs the device's screen contents and audio to an external display with an RCA cable socket, such as a television.

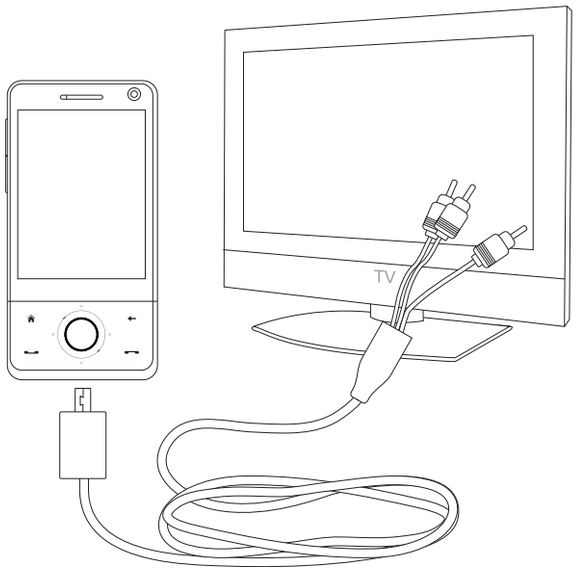
Notes

- You need an HTC TV Out cable to be able to connect your device to an external display. The HTC TV Out cable is sold separately.
- When you plug in the HTC TV Out cable to your device, you will not be able to play music files from the TouchFLO 3D Music tab.
- It is recommended that you use an audio accessory (not the HTC TV Out cable) such as the wired headset when you want to listen to music on your device. You can check the HTC web site for other audio accessories for your device.

Connect the device to an external display

1. Turn off the external display.
2. Connect the ends (red, white, and yellow RCA plugs) of the HTC TV Out cable to the external display's RCA sockets.
3. Connect the mini-USB end of the HTC TV Out cable to the sync connector at the bottom of the device. The TV Out screen opens.

   Note The display automatically changes to landscape mode after connecting the HTC TV Out cable.



4. Choose the video standard to use when outputting the video and then tap **Done**. For example, if your video is in the NTSC standard and you select PAL-M, TV Out will automatically convert your video to PAL-M before it outputs to the external display.

   Note If you need to change the video standard option in the future, tap **Start** > **Settings** > **System** tab > **TV Out**.

5. Tap the type of media you want to output.
6. Turn on the external display and then switch it to the input signal that you connected the HTC TV Out cable to (for example, Video 1).

13.7 Managing Memory

To see how much memory is available for use

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Memory** > **Main** tab.
   The amount of memory allocated to data storage versus program storage is displayed, as well as the amount of memory in use versus the available memory.

To see the available space of the storage card

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Memory > Storage Card** tab.

If your device is running low on memory, try the following to free memory on your device:

- Close programs which are not in use.
- Move files and email attachments to the storage card.
- Delete unnecessary files. Tap **Start > Programs > File Explorer**. Tap and hold the file, and tap **Delete**.
- Delete large files. To find large files on your device, tap **Start > Programs > Search**. In the **Type** list, tap **Larger than 64 KB**, and tap **Search**.
- In Opera Mobile or Internet Explorer Mobile, delete temporary Internet files and clear history information.
- Remove programs you no longer use.
- Reset your device.

13.8 Resetting Your Device

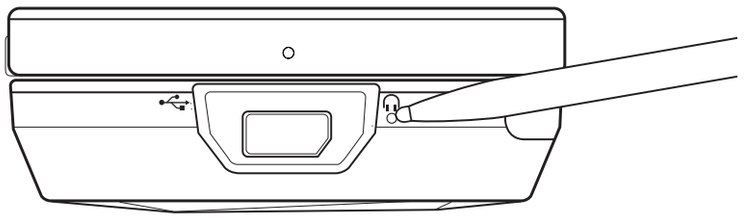
Soft reset

Occasionally, you may need to reset your device. A soft (or normal) reset of your device clears all active program memory and shuts down all active programs. This can be useful when your device is running slower than normal, or a program is not performing properly. A soft reset is also necessary after the installation of some programs. If a soft reset is performed when programs are running, unsaved work will be lost.

To perform a soft reset

1. Pull out the stylus.
2. Use the stylus tip to press the RESET button located at the bottom bottom of the device.

   Your device restarts and displays the Home screen.



Hard reset

You can also perform a hard reset (also known as a full reset). A hard reset should only be performed if a normal reset does not solve a system problem. After a hard reset, the device is restored to its default settings — the way it was when you first purchased it and turned it on. Any programs you installed, data you entered, and settings you customised on your device will be lost. Only Windows Mobile® software and other pre-installed programs will remain.

Warning! Your device will be set back to factory default settings. Make sure that any additional installed programs and/or user data have been backed up before you perform a hard reset.

Important If **Encrypt files when placed on a storage card** is enabled, backup all files from the storage card **before** using Clear Storage, hard reset, or updating the ROM system software. Otherwise you will no longer be able to access the encrypted files on the storage card. Use ActiveSync or Windows Mobile Device Center to transfer files between your storage card and computer. After the procedure, copy your files back to the storage card.

To perform a hard reset

1. Pull out the stylus.
2. With the device turned on, press and hold the VOLUME DOWN and ENTER buttons, then press the RESET button with the stylus tip.
3. Release the RESET button, but continue pressing the VOLUME DOWN and ENTER buttons until you see this message on the screen:

```
This operation will delete
all your personal data,
and reset all settings
to manufacturer default.
Press VolUp to restore
manufacturer default, or
press other keys to cancel.
```

4. Release the VOLUME DOWN and ENTER buttons, then press the VOLUME UP button to perform the hard reset, or press any other button to cancel the reset.

Clear Storage

You can also use Clear Storage to reset your device back to factory default settings.

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Clear Storage**.
3. Enter "**1234**" and then tap **Yes**.

13.9 Windows Update

You can update Windows Mobile® on your device with the latest updates, security patches or fixes, if these are available.

To set up Windows Update

The first time you run Windows Update, you need to set up how you want Windows Update to check for patches on the Microsoft web site.

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Windows Update**.
3. On the Update Setup screen, tap **Next**.
4. Choose how you want to check for updates, **Manual** or **Automatic**, then tap **Next**.

   Note If you select **Automatic**, you will be asked if you want to use your current data plan to check for updates. Select or clear the **Use my data plan to check for and download updates** check box and tap **Next**.
5. Tap **Finish**.

To check for updates

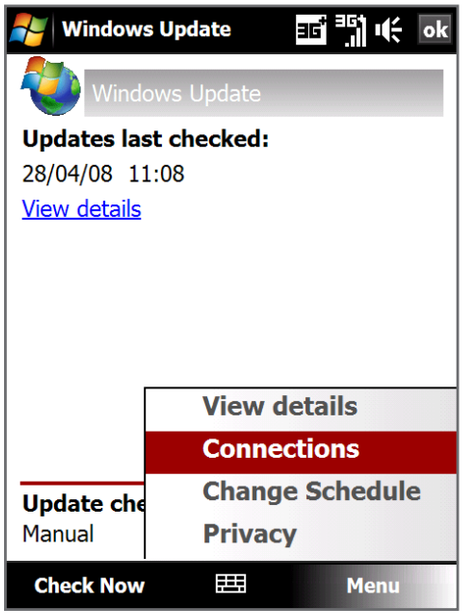
1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Windows Update**.
3. Tap **Check Now**.

Note Windows Mobile® updates may not be available at all times. Check the Windows Mobile® web site for update information.

To change Windows Update options

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Windows Update**.
3. Tap **Menu** and select the option you want to change.

- Tap **Connections** to change how the device connects to the Internet when checking for updates.
- Tap **Change Schedule** to change how Windows Update checks for Windows Mobile® updates**.**



13.10 Battery Saving Tips

How long your battery power lasts depends on the battery type and how you use your device. Try the following to help conserve battery life:

- When the device is not in use, press POWER to switch off the display.
- On the Home screen, slide to the **Settings** tab and then tap **All Settings**. On the **System** tab, tap **Power > Advanced** tab of the Power settings screen. Here, you can specify the time before your device automatically turns off the display and backlight to conserve battery power. For optimum conservation, specify 3 minutes or less.
- On the Home screen, slide to the **Settings** tab and then tap **All Settings**. On the **System** tab, tap **Power > Backlight** tab to adjust the backlight brightness settings.
- Use the AC adapter to plug your device into an external power outlet whenever possible, especially when using a storage card or when using a modem or other peripherals.

- Turn Bluetooth off when you are not using it. Make your device visible to other devices only when you are trying to establish a Bluetooth partnership. For more information about Bluetooth, see Chapter 9.
- Lower the volume.
- Close battery-intensive programs, such as the Camera, when you are done using them. Make sure the programs are ended and are not continuously running in the background. Refer to "Using Task Manager" in this chapter for information on closing programs.

Appendix

A.1 Specifications
A.2 Regulatory Notices

A.1 Specifications

System Information	
Processor	Qualcomm® MSM7201A™ 528 MHz
Memory	– ROM : 512 MB – RAM : 288 MB DDR **Note:** Figures are the total ROM and RAM memory available for use and storage. Since the memory is shared by the operating system, applications, and data, the actual available memory is less than what is specified.
Operating System	Windows Mobile® 6.1 Professional
Power	
Battery	Rechargeable Lithium-ion or Lithium-ion polymer battery, 1340 mAh
Battery Life (estimates)	Standby time: WCDMA: Up to 462 hours GSM: Up to 367 hours Talk time: WCDMA: Up to 378 minutes GSM: Up to 419 minutes Video call time: Up to 189 minutes (The above are subject to network and phone usage.)
AC Adapter	Voltage range/frequency: 100 - 240V AC, 50/60 Hz DC output: 5V and 1A
Communications	
Network	HSPA/WCDMA: • 900/2100 MHz • Up to 2 Mbps up-link and 7.2 Mbps down-link speeds Quad-band GSM/GPRS/EDGE: • 850/900/1800/1900 MHz (Band frequency and data speed are operator dependent.)
Internal Antenna	Yes

Physical	
Dimensions	102 mm (L) X 51 mm (W) X 18.05 mm (T)
Weight	165 g (with battery)
Display	
LCD Type	2.8-inch TFT-LCD flat touch-sensitive screen
Resolution	480 x 640 VGA resolution
Camera Module	
Type	Main camera: 3.2 megapixel colour camera with auto focus and flash light Second camera: VGA CMOS colour camera
Resolution	• Photo: 3M (2048 x 1536) 2M (1600 x 1200) 1M (1280 x 960) VGA (640 x 480) QVGA (320 x 240) • Video: CIF (352 x 288) QVGA (320 x 240) QCIF (176 x 144) Sub-QCIF (128 x 96)
Digital Zoom	Up to 4X
Connections	
I/O Port	HTC ExtUSB™ • 11-pin mini-USB and audio jack in one • USB 2.0 high speed • TV Out* * HTC TV Out cable needed.
Wireless Connections	• Bluetooth® 2.0 with EDR • Wi-Fi® (IEEE 802.11 b/g)

Audio	
Microphone/ Speaker	Built-in
Ring tone	• Supports MP3, AAC, AAC+, WMA, WAV, AMR-NB formats • 40 polyphonic and standard MIDI format 0 and 1 (SMF) / SP MIDI
Supported Playback Formats	• Windows Media® Player: MP3, MPEG-4, AAC, AAC+, eAAC+, WMA, WAV, AMR, AMR-NB, AMR-WB, AWB, SP-MIDI • TouchFLO™ 3D: AMR-NB/WB, MP3, MPEG-4, WMA, AAC, AAC+, eAAC+
Controls	
Device Control	• TouchFLO™ 3D • Touch-sensitive navigation control with ENTER button • HOME button • BACK button • Phone buttons: TALK/SEND and END • POWER button • VOLUME CONTROL buttons • RESET button
Hardware Keyboard	5-row QWERTY keyboard
Expansion Slot	
Card Slot	microSD™ (SD 2.0-compatible)
Others	
Special Features	• FM radio with RDS • GPS

A.2 Regulatory Notices

Regulatory Agency Identifications

For regulatory identification purposes, your product is assigned a model number of **RAPH100**.

To ensure continued reliable and safe operation of your device, use only the accessories listed below with your **RAPH100**.

The Battery Pack has been assigned a model number of **DIAM171**.

Note This product is intended for use with a certified Class 2 Limited Power Source, rated 5 Volts DC, maximum 1 Amp power supply unit.

European Union Notice

Products with CE marking comply with the R&TTE Directive (99/5/EC), the EMC Directive (89/336/EEC), and the Low Voltage Directive (73/23/EEC) & (2006/95/EC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms (in parentheses are the equivalent international standards).

- **EN 60950-1 (IEC 60950-1)**
  Safety of Information Technology Equipment.
- **ETSI EN 300 328**
  Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; data transmission equipment operating in the 2.4 GHz ISM band and using spread spectrum modulation techniques.
- **EN 300 440-2 V1.1.2**
  Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 2: Harmonized EN under Article 3(2) of the R&TTE Directive

- **EN 301 489-24**
  Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 24: Specific conditions for IMT-2000 CDMA direct spread (UTRA) for mobile and portable (UE) radio and ancillary equipment.
- **ETSI EN 301 511**
  Global system for mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands, covering essential requirements of article 3.2 of the R&TTE directive (1995/5/EC).
- **ETSI EN 301 489-1**
  Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.
- **ETSI EN 301 489-7**
  Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS).
- **ETSI EN 301 489-17**
  Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission systems.
- **ETSI EN 301 908-1 & -2**
  Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third Generation cellular networks; Part 1: Harmonized EN for IMT-2000, introduction and common requirements, covering essential requirements of article 3.2 of the R&TTE Directive.

- **EN 50360 / 50361**
  Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz ~ 3 GHz).
- **EN 50392**
  Generic standard to demonstrate the compliance of low power electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (10 MHz - 300 GHz) - General public.
- **EN 55013:2001**
  Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement (CISPR 13:2001 (Modified))
- **EN 55020:2007**
  Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement (CISPR 20:2006)



This equipment may be operated in:							
AT	**BE**	**BG**	**CH**	**CY**	**CZ**	**DE**	**DK**
EE	**ES**	**FI**	**FR**	**GB**	**GR**	**HU**	**IE**
IT	**IS**	**LI**	**LT**	**LU**	**LV**	**MT**	**NL**
NO	**PL**	**PT**	**RO**	**SE**	**SI**	**SK**	**TR**

Federal Communications Commission Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or TV reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

Modifications

The FCC requires the user to be notified that any changes or modifications made to the device that are not expressly approved by High Tech Computer Corporation may void the user's authority to operate the equipment.

Index

Symbols

3G 140

A

A2DP 168
ActiveSync
- about 216
- set up 116
- synchronise with computer 117
- synchronise with Exchange Server 126

Add and remove programs 218
Adobe Reader LE 215, 219
Airplane Mode 63, 228
Alarm 263
Album
- about 196, 216
- close Album 201
- play back video 200
- select a photo or video to view 196
- view an image 197

Applications tab (Home screen) 78
Attachment
- add to email 123
- download 125
- set IMAP4 to automatically receive attachments 127
- set Outlook to automatically receive attachments 127

Audio Booster 211, 216

B

Back cover
- remove 36

Backlight
- adjust brightness 261
- set backlight timeout 261

Back up data 241
Basic settings 260
Battery
- battery information 37
- charge battery 40
- install 38
- remove 39
- save battery power 139, 273

Beam via Bluetooth 169
Block Recognizer 105
Bluetooth
- about 166
- Bluetooth Explorer 171, 216
- Bluetooth file sharing 171
- Bluetooth shared folder 171
- hands-free headset 168
- modem 158
- modes 166
- partnership (pairing) 167
- SIM Access Profile (SAP) 69
- stereo headset 168
- synchronise 119
- turn on and off 228

- visible 166
Bluetooth Explorer 216
Business Email 216

C

Calculator 216
Calendar
- about 214
- create appointment 220
- send appointment 223
- view appointment 222

Call History 61
Calling
- from Contacts 57
- from Home screen 58
- from Phone screen 57

Camera
- about 184, 215
- Advanced Options 192
- capture modes 184
- controls 186
- file formats 185
- icons 186
- Menu Panel 188
- specifications 277
- zooming 189

Car kit phones 69
Clear Storage 271
ClearVue Presenter 216
Clock & Alarms 256, 260, 263
Comm Manager 217, 228, 259
Compact QWERTY 100
Company Directory 134
Conference call 60
Configure data connection settings 140
Connect device to Internet
- Dial-up 141
- GPRS/3G 140
- start a connection 142
- ways of connecting 136

Contacts 214, 224
Contacts Picture capture mode 185
Copy
- contacts to SIM card 236
- copy and manage files 254
- media files from PC to device 203
- SIM contacts to device 236

D

Device name 261
Dial-up 141
Dimensions and weight 277
Direct Push 128, 228
Disconnect data connection 228
Download
- download complete email 124
- email download settings 120, 126
- file attachments 125
- Java applications 234
- satellite data 180
- synchronise emails 126
- web feeds 160

Draw 233

E

EDGE 140
Email
- Internet email account (POP3/IMAP4) 118

- mail server settings 119
- Mail tab (Home screen) 77
- send 123
- settings (POP3/IMAP4) 120
- setup wizard 118
- synchronise 112, 126, 126
- types of email accounts 116
Emergency call 58
Emoticon
- MMS 114
- Windows Live Messenger 156
Entering Information
- On-screen 96
- QWERTY keyboard 96
Equalizer 211
Excel Mobile 214, 231
Exchange Server 126

F

Favorite contacts 74
File Explorer 217, 254
Find contact
- Company Directory 134
- on device 226
Finger gestures 87
Finger panning 88
Finger scrolling 87
FM Radio 207, 217
Forward email 125
Full QWERTY 99

G

G-Sensor 257
Games 215
Getting Started 217
Google Maps 176
GPRS 140
GPRS Monitor 217, 238
GPS 178, 180, 216

H

Hard reset 270, 271
Hardware Keyboard 98
Help 214
Home screen 47, 70
Home tab (Home screen) 72

I

IMAP4 118
Input methods
- Block Recognizer 105
- Compact QWERTY 100
- Full QWERTY 99
- Letter Recognizer 105
- Phone Keypad 101
- Transcriber 106
Input Panel 96
Input Selector arrow 96
International call 58
Internet 136
Internet email 118
Internet Explorer Mobile 214
Internet Sharing 157, 216
Internet tab (Home screen) 84

J

Java
- about 216

- create folders 235
- install MIDlets/MIDlet suites from device 234
- install MIDlets/MIDlet suites from Internet 234
- manage MIDlets/MIDlet suites 235
- uninstall MIDlets 235
- update a MIDlet/MIDlet suite 235
JETCET PRINT 217

L

Letter Recognizer 105
Library
- Music tab (Home screen) 81
- Windows Media Player Mobile 202
Live Messenger 155

M

Mail tab (Home screen) 77
Meeting request 132, 223
Memory 52, 269, 276
Messages tab (Home screen) 76
Messaging
- about 106, 214
- email 116, 118, 122
- multimedia (MMS) 111
- text (SMS) 107
Messenger 155, 217
microSD card
- install 39
Microsoft Office Mobile 214, 231
MIDlet/MIDlet suite 234
MMS
- about 111
- add audio clip 114
- add photo/video 113
- add text 114
- blacklist 116
- create MMS message 112
- MMS settings 111
- reply message 115
- view message 115
MMS Video capture mode 185
Modem
- Bluetooth 158
- USB 158
Multimedia 111, 183
Multitap 102
Music tab (Home screen) 80

N

News channels (web feeds) 160
Notes 232
Now Playing
- Music tab (Home screen) 80, 81
- Windows Media Player Mobile 202
Numeric and Symbol Mode 104

O

Office Mobile 214, 231
OneNote Mobile 214, 231
Open PDF file 219
Opera Mobile 142, 217

P

Panorama capture mode 185
Password 267
People tab (Home screen) 74

Phone 56, 214
Phone Keypad 101
Phone services 264
Photo capture mode 185
Photos and Videos tab (Home screen) 78
Pictures & Videos 215
Picture Theme capture mode 185
PIN 56, 266
Playlists
- Music tab (Home screen) 82
- Windows Media Player Mobile 206
Play media 205
Play music
- Music tab (Home screen) 80
- Windows Media Player Mobile 205
Podcasts 163
POP3 118
PowerPoint Mobile 214, 231
Programs 214
Put call on hold 60

Q

QuickGPS 180, 216
Quick menu 52, 264
QWERTY keyboard 96

R

Record
- voice note 233
- voice recording 245
Regional Settings 258, 260
Regulatory notices 279
Remote Desktop Mobile 217
Reply
- email 125
- MMS 115
- text (SMS) 76, 109
Reset
- clear storage 271
- hard reset 270
- soft reset 270
Review screen (Camera) 191
Ring tone 86, 262
Ring type 262
RSS Hub
- about 160, 217
- headline list 162
- news channels 160
- podcasts 163
- summary view 163

S

Safety information 6
Sat Nav 217
Screen text size 261
Search 217
Send
- email 123
- MMS message 112
- text message (SMS) 107
Settings (Connections tab)
- Advanced Network 259
- Beam 259
- Bluetooth 259
- Connections 140, 141, 259
- Domain Enroll 259
- USB to PC 119, 259
- Wi-Fi 139, 259

- Wireless LAN 138, 259
Settings (Personal tab)
- Buttons 255
- Input 255
- Keyboard Sliding Sound 255
- Lock 255, 267
- Menus 256
- Owner Information 256
- Phone 256, 262, 264
- Sounds & Notifications 256, 263
- Today 256
- Voice Speed Dial 248, 256
Settings (System tab)
- About 256, 262
- Certificates 256
- Clear Storage 256, 271
- Clock & Alarms 256, 260, 263
- Customer Feedback 257
- Device Information 257
- Encryption 257
- Error Reporting 257
- External GPS 257
- Long Press End Key 257
- Managed Programs 257
- Memory 257
- Microphone AGC 257
- Power 257
- Regional Settings 258, 260
- Remove Programs 219, 258
- Screen 258, 261
- Task Manager 258, 264
- TouchFLO 51, 88, 258
- TV Out 258
- Windows Update 258, 272
Settings tab (Home screen) 86
SIM Access Profile (SAP) 69
SIM card
- install 36
- PIN 266
- remove 37
SIM Manager
- about 216, 236
- copy contacts to SIM card 236
- copy SIM contacts to device 236
- create SIM contact 236
Sleep mode 42
Smart Dial 67
SMS 76, 107, 123
Soft reset 270
Sounds & Notifications 256, 263
Spb GPRS Monitor 217, 238
Speakerphone 60
Specifications 276
Speed Dial 62
Sprite Backup 217, 241
Start menu 51
Status icons 48
STK (SIM Tool Kit) Service 218
Storage card
- install 39
Streaming Media 151, 215
Swap/switch calls 60
Synchronise
- ActiveSync 117
- change information types 118
- music and videos 120
- via Bluetooth 119
- Windows Media Player 203

- Windows Mobile Device Center 113
- with computer 86, 117
- with Exchange Server 86, 126

T

T9 102
Task Manager 258, 264
Tasks 215, 244
Tasks Screen 48
Text messages
- copy from SIM card 110
- copy to SIM card 109
- create new message 107
- Messages tab (Home screen) 76
- send 108

Text size (screen) 261
TouchFLO 3D 69
Transcriber 106
Troubleshoot
- sync connection 119
- Windows Media Player Mobile 206

Turn device on and off 42
Turn phone function on and off 62, 228
TV Out 258

U

USB modem 158
USB to PC 119, 259

V

Vibrate 49, 54, 61, 263
Video call
- about 63
- answer video call 64
- end video call 64
- make video call 63
- settings 64

Video capture mode 185
Voice call
- about 57
- answer call 58
- end call 61
- make call 57

Voicemail 58
Voice Recorder 215, 245
Voice Speed Dial
- about 218, 247, 256
- create
  - voice tag for phone number 247
  - voice tag for program 248
- make call or launch program 248

Voice tag
- create
  - for phone number 247
  - for program 248
- make call or launch program 248

W

Weather tab (Home screen) 84
Wi-Fi 136, 228
Windows Live 153, 218
Windows Live Messenger 155, 217
Windows Media Player Mobile
- about 215
- file formats 201
- menus 202
- playlists 206
- troubleshoot 206

Windows Mobile Device Center 113
Windows Update 258, 272
Word Mobile 214, 231
WorldCard Mobile 218, 249

Y

YouTube 146, 218

Z

ZIP
- about 215
- create archive 252
- open ZIP file and extract files 251
- overview 251

Zooming
- Camera 189
- finger gestures 88